1. Golden Examples

Over the years (about 20 years) I have created many example XBRL taxonomies and reports. I have accumulated a specific set of those examples into a concise, high-quality set of examples that helps the reader wrap their head around XBRL-based taxonomies and reports.

Each of these golden examples was also created using the Seattle Method¹ and has a complete set of metadata that has been organized and tested. Working through these examples step-by-step will help you in your endeavour to master XBRL-based digital financial reporting.

You can create reports using these golden example XBRL base taxonomies using *Luca*² or the *Auditchain Suite*³. Excel import files are provided as samples for creating reports. Each of the reports, report models, and base taxonomies can be verified using the *Pacioli* logic/rules engine which can be used here⁴ and is described here⁵. All examples can be viewed using *Pesseract*⁶.

To get the best information out of these golden examples, you are encouraged to work through the document Essentials of XBRL-based Digital Financial Reporting⁷.

All of the examples are laid out similarly. You can get to all of these examples from my The End (START HERE)⁸ page.

1.1. Accounting Equation

A very small model that can be represented using XBRL is the **accounting equation**⁹. This very small, simple example lets you wrap your head around XBRL-based report models and reports.

Line	Label	Report Element Category	Period Type	Balance	Report Element Name
1	01-Balance Sheet	Network			http://xbrlsite.com/ae/role/BalanceSheet
2	Balance Sheet [Hypercube]	Table			ae:BalanceSheetHypercube
3	Balance Sheet [Line Items]	LineItems			ae:BalanceSheetLineItems
4	Balance Sheet [Arithmetic]	Abstract			ae:BalanceSheetArithmetic
5	Assets	Concept (Monetary)	As Of	Debit	ae:Assets
6	Liabilities	Concept (Monetary)	As Of	Credit	ae:Liabilities
7	Equity	Concept (Monetary)	As Of	Credit	ae:Equity

The accounting equation example has one structure, a balance sheet. That single balance sheet structure has four terms: Assets, Liabilities, Equity, and the abstract Balance Sheet [Arithmetic]. The first three terms are straight forward, the fourth

http://xbrlsite.com/seattlemethod/golden/ae/ae ModelStructure.html

¹ Seattle Method, http://xbrlsite.com/seattlemethod/

² Luca, http://xbrlsite.com/LucaJumpstart.html

³ Auditchain Suite, http://xbrlsite.com/AuditchainSuite.html

⁴ Pacioli Power User Tool, https://pacioli.auditchain.finance/tools/PowerUserTool.swinb

⁵ Auditchain, Pacioli Logic and Rules Engine, https://docs.auditchain.finance/auditchain-protocol/pacioli-logic-and-rules-engine

⁶ Pesseract, http://pesseract.azurewebsites.net/

⁷ Essentials of XBRL-based Digital Financial Reporting,

 $[\]underline{http://xbrlsite.azurewebsites.net/2021/essentials/EssentialsOfXBRLBasedDigitalFinancialReporting.pdf}$

⁸ The End (Start Here), http://xbrl.squarespace.com/journal/2022/4/4/the-end-start-here.html

⁹ Accounting Equation, Seattle Method,

might throw you a little. The term Balance Sheet [Arithmetic] is abstract and is simply used to hang the other three concepts from.

The accounting equation has one rule which is "Assets = Liabilities + Equity".

The reference implementation report contains three facts, one each for Assets, Liabilities, and Equity.

	Period [Axis]
Balance Sheet [Line Items]	2022-12-31
Balance Sheet [Arithmetic]	
Assets	5,000
Liabilities	1,000
Equity	4,000

1.2. SFAC 6 Elements of Financial Statements

The **SFAC6**¹⁰ example is still a very basic report model example but introduces the notion of a "structure". The SFAC6 example represents the ten concepts defined by SFAC 6 Elements of Financial Statements published by the FASB: Assets, Liabilities, Equity, Comprehensive Income, Investments by Owners, Distributions to Owners, Revenues, Expenses, Gains, Losses. It also represents the three structures into which those ten concepts are organized and rules that represent the relations between those concepts.

Line	Label	Object Class	Period Type	Balance	Report Element Name
1	11-Statement of Financial Position	Network	- 11		http://xbrlsite.com/seattlemethod/sfac6/role/BalanceSheet
2	Balance Sheet [Hypercube]	Table			sfac6:BalanceSheetHypercube
3	Balance Sheet [Line Items]	LineItems			sfac6:BalanceSheetLineItems
4	Balance Sheet [Arithmetic]	Abstract			sfac6:BalanceSheetArithmetic
5	Assets	Concept (Monetary)	As Of	Debit	sfac6:Assets
6	Liabilities	Concept (Monetary)	As Of	Credit	sfac6:Liabilities
7	Equity	Concept (Monetary)	As Of	Credit	sfac6:Equity
8	21-Statement of Comprehensive Income	Network			http://xbrlsite.com/seattlemethod/sfac6/role/ComprehensiveIncome
9	Comprehensive Income Statement [Hypercube]	Table			sfac6:ComprehensiveIncomeStatementHypercube
10	Comprehensive Income Statement [Line Items]	LineItems			sfac6:ComprehensiveIncomeStatementLineItems
11	Comprehensive Income [Roll Up]	Abstract			sfac6:ComprehensiveIncomeRollUp
12	Revenues	Concept (Monetary)	For Period	Credit	sfac6:Revenues
13	(Expenses)	Concept (Monetary)	For Period	Debit	sfac6:Expenses
14	Gains	Concept (Monetary)	For Period	Credit	sfac6:Gains
15	(Losses)	Concept (Monetary)	For Period	Debit	sfac6:Losses
16	Comprehensive Income	Concept (Monetary)	For Period	Credit	sfac6:ComprehensiveIncome
17	31-Statement of Changes in Equity	Network			http://xbrlsite.com/seattlemethod/sfac6/role/ChangesInEquity
18	Changes in Equity [Hypercube]	Table			sfac6:ChangesInEquityHypercube
19	Changes in Equity [Line Items]	LineItems			sfac6:ChangesInEquityLineItems
20	Changes in Equity [Roll Forward]	Abstract			sfac6:ChangesInEquityRollForward
21	Equity, Beginning Balance	Concept (Monetary)	As Of	Credit	sfac6:Equity
22	Comprehensive Income	Concept (Monetary)	For Period	Credit	sfac6:ComprehensiveIncome
23	Investments by Owners	Concept (Monetary)	For Period	Credit	sfac6:InvestmentsByOwners
24	(Distributions to Owners)	Concept (Monetary)	For Period	Debit	sfac6:DistributionsToOwners
25	Equity, Ending Balance	Concept (Monetary)	As Of	Credit	sfac6:Equity

1.3. SFAC8

The **SFAC8**¹¹ example is similar to the SFAC6 example except that the SFAC8 example introduces the notion of "alternative structures". By alternative structures I mean that two approaches are provided for to create a balance sheet and three different income statement formats are provided for. This also introduces the notion of "reporting styles" and helps you see how reporting styles are used to organize groups of structures.

¹⁰ SFAC6, http://www.xbrlsite.com/seattlemethod/golden/sfac6/sfac6 ModelStructure.html

¹¹ SFAC8, http://www.xbrlsite.com/seattlemethod/golden/sfac8/sfac8 ModelStructure.html

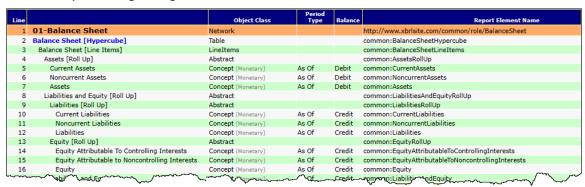
Line	Label	Report Element Category	Period Type	Balance	Report Element Name
1	11-Statement of Financial Position	Network			http://xbrlsite.com/seattlemethod/sfac8/role/BalanceSheet
2	Balance Sheet [Hypercube]	Table			sfac8:BalanceSheetHypercube
3	Balance Sheet [Line Items]	LineItems			sfac8:BalanceSheetLineItems
4	Balance Sheet [Arithmetic]	Abstract			sfac8:BalanceSheetArithmetic
5	Assets	Concept (Monetary)	As Of	Debit	sfac8:Assets
6	Liabilities	Concept (Monetary)	As Of	Credit	sfac8:Liabilities
7	Equity	Concept (Monetary)	As Of	Credit	sfac8:Equity
8	12-Statement of Net Assets	Network			http://xbrlsite.com/seattlemethod/sfac8/role/NetAssets
9	Fund Balance [Hypercube]	Table			sfac8:FundBalanceHypercube
10	Fund Balance [Line Items]	LineItems			sfac8:FundBalanceLineItems
11	Net Assets [Roll Up]	Abstract			sfac8:NetAssetsRollUp
12	Assets	Concept (Monetary)	As Of	Debit	sfac8:Assets
13	(Liabilities)	Concept (Monetary)	As Of	Credit	sfac8:Liabilities
14	Net Assets	Concept (Monetary)	As Of	Debit	sfac8:NetAssets
15	Fund Balance [Roll Up]	Abstract			sfac8:FundBalanceRollUp
16	Fund Balance, With Donor Restrictions	Concept (Monetary)	As Of	Credit	sfac8:FundBalanceWithDonorRestrictions
17	Fund Balance, Without Donor Restrictions	Concept (Monetary)	As Of	Credit	sfac8:FundBalanceWithoutDonorRestrictions
18	Fund Balance	Concept (Monetary)	As Of	Credit	sfac8:FundBalance
19	21-Statement of Comprehensive Income	Network			http://xbrlsite.com/seattlemethod/sfac8/role/ComprehensiveIncome
20	Comprehensive Income Statement [Hypercube]	Table			sfac8:ComprehensiveIncomeStatementHypercube
21	Comprehensive Income Statement [Line Items]	LineItems			sfac8:ComprehensiveIncomeStatementLineItems
22	Comprehensive Income [Roll Up]	Abstract			sfac8:ComprehensiveIncomeRollUp
23	Revenues	Concept (Monetary)	For Period		sfac8:Revenues
24	(Expenses)	Concept (Monetary)	For Period		sfac8:Expenses
25	Gains	Concept (Monetary)	For Period		sfac8:Gains
26	(Losses)	Concept (Monetary)	For Period	Debit	sfac8:Losses
27	Comprehensive Income	Concept (Monetary)	For Period	Credit	sfac8:ComprehensiveIncome
28	22-Statement of Comprehensive Income (Alternative)	Network			http://xbrlsite.com/seattlemethod/sfac8/role/ComprehensiveIncome2
29	Comprehensive Income Statement [Hypercube]	Table			sfac8:ComprehensiveIncomeStatementHypercube
30	Comprehensive Income Statement [Line Items]	LineItems			sfac8:ComprehensiveIncomeStatementLineItems
31	Comprehensive Income [Roll Up]	Abstract			sfac8:ComprehensiveIncomeRollUp
32	Income from Normal Activities of Entity	Concept (Monetary)	For Period		sfac8:IncomeFromNormalActivitiesOfEntity
33	Income from Peripheral or Incidental Transactions of Entity	Concept (Monetary)	For Period		sfac8:IncomeFromPeripheralOrIncidentalTransactionsOfEntity
34	Comprehensive Income	Concept (Monetary)	For Period	Credit	sfac8:ComprehensiveIncome
35	23-Statement of Changes in Net Assets	Network			http://xbrlsite.com/seattlemethod/sfac8/role/ChangeInNetAssets
36	Changes in Net Assets [Hypercube]	Table			sfac8:ChangesInNetAssetsHypercube
		Mr. A. Lander	مسرسا	\	Manager Met Asservine Item The Comment of the Comme

Also note that the XBRL taxonomies are getting too big to show the full set of information in the screen shots being provided.

1.4. Common Elements of Financial Statement

The Common Elements of Financial Statement example¹² builds on SFAC6 and SFAC8 by adding a cash flow statement and filling out the four statement model. There are some issue with this example that were intentionally left in this representation in order to make some specific points.

The example is beginning to look more like a real financial statement.



¹² Common, http://www.xbrlsite.com/seattlemethod/golden/common/common ModelStructure.html

1.5. Common2

The Common2 example¹³ is almost exactly the same as the first Common Elements of Financial Statement except that all the flaws in the example were corrected.

Line	Label	Object Class	Period Type	Balance	Report Element Name
1	01-Balance Sheet	Network			http://www.xbrlsite.com/common/role/BalanceSheet
2	Balance Sheet [Hypercube]	Table			common:BalanceSheetHypercube
3	Balance Sheet [Line Items]	LineItems			common:BalanceSheetLineItems
4	Assets [Roll Up]	Abstract			common:AssetsRollUp
5	Current Assets	Concept (Monetary)	As Of	Debit	common:CurrentAssets
6	Noncurrent Assets	Concept (Monetary)	As Of	Debit	common:NoncurrentAssets
7	Assets	Concept (Monetary)	As Of	Debit	common:Assets
8	Liabilities and Equity [Roll Up]	Abstract			common:LiabilitiesAndEquityRollUp
9	Liabilities [Roll Up]	Abstract			common:LiabilitiesRollUp
10	Current Liabilities	Concept (Monetary)	As Of	Credit	common:CurrentLiabilities
11	Noncurrent Liabilities	Concept (Monetary)	As Of	Credit	common:NoncurrentLiabilities
12	Liabilities	Concept (Monetary)	As Of	Credit	common:Liabilities
13	Equity [Roll Up]	Abstract			common:EquityRollUp
14	Equity Attributable To Controlling Interests	Concept (Monetary)	As Of	Credit	common:EquityAttributableToControllingInterests
15	Equity Attributable to Noncontrolling Interests	Concept (Monetary)	As Of	Credit	common:EquityAttributableToNoncontrollingInterests
16	Equity	Concept (Monetary)	As Of	Credit	common:Equity
17	Liabilities and Equity	Concept (Monetary)	As Of	Credit	common:LiabilitiesAndEquity
18	02-Net Assets	Network			http://www.xbrlsite.com/common/role/NetAssets
	Net Assets [Hypercube]	Table			common:NetAssetsHypercube
20	Net Assets [Line Items]	LineItems			common:NetAssetsLineItems
21	Net Assets [Roll Up]	Abstract			common:NetAssetsRollUp
22	Assets	Concept (Monetary)	As Of	Debit	common:Assets
23	Liabilities	Concept (Monetary)	As Of	Credit	common:Liabilities
24	Net Assets	Concept (Monetary)	As Of	Debit	common:NetAssets
25	03-Comprehensive Income	Network			http://www.xbrlsite.com/common/role/ComprehensiveIncome
26	Comprehensive Income Statement [Hypercube]	Table			common:ComprehensiveIncomeStatementHypercube
27	Comprehensive Income Statement [Line Items]	LineItems			common:ComprehensiveIncomeStatementLineItems
28	Comprehensive Income [Roll Up]	Abstract			common:ComprehensiveIncomeRollUp
29	Revenues	Concept (Monetary)	For Period	Credit	common:Revenues
30	(Expenses)	Concept (Monetary)	For Period		common:Expenses
31	Gains	Concept (Monetary)	For Period		common:Gains
32	(Losses)	Concept (Monetary)	For Period		common: l osses
33	Comprehensive Income	Concept (Monetary)	For Period		common:ComprehensiveIncome
34	04-Comprehensive Income 2	Network	TOT TETIOG	Credit	http://www.xbrlsite.com/common/role/ComprehensiveIncome2
35	Comprehensive Income Statement [Hypercube]	Table			common:ComprehensiveIncomeStatementHypercube
36	Comprehensive Income Statement [Line Items]	LineItems			common:ComprehensiveIncomeStatementhypercube
37	Comprehensive Income Statement [Line Items] Comprehensive Income [Roll Up]	Abstract			common:ComprehensiveIncomeStatementLineItems
38	Income from Normal Activities of Entity		For Period	Condita	common:IncomeFromNormalActivitiesOfEntity
39		Concept (Monetary)			
	Income from Peripheral or Incidental Transactions of Entity	Concept (Monetary)	For Period		common:IncomeFromPeripheralOrIncidentalTransactionsOfEntity
40	Comprehensive Income	Concept (Monetary)	For Period	Credit	common:ComprehensiveIncome
41	05-Comprehensive Income 3	Network			http://www.xbrlsite.com/common/role/ComprehensiveIncome3
42	Comprehensive Income Statement [Hypercube]	Table			common:ComprehensiveIncomeStatementHypercube
43	Comprehensive Income Statement [Line Items]	LineItems			common:ComprehensiveIncomeStatementLineItems
44	Comprehensive Income [Roll Up]	Abstract			common:ComprehensiveIncomeRollUp
45	Net Income [Roll Up]	Abstract		- "	common:NetIncomeRollUp
46	Income from Normal Activities of Entity	Concept (Monetary)	For Period		common:IncomeFromNormalActivitiesOfEntity
47	Income from Peripheral or Incidental Transactions of Entity	Concept (Monetary)	For Period		common: Income From Peripheral Or Incidental Transactions Of Entity
48	Net Income	Concept (Monetary)	For Period For Period		common:NetIncome common:OtherComprehensiveIncome
49	Other Comprehensive Income	Concept (Monetary)			

1.6. MINI Financial Reporting Scheme

The MINI Financial Reporting Scheme¹⁴ example provides something that looks closer to what you would expect a real financial report to look like. The MINI example has a full set of the four core financial reports (balance sheet, income statement, cash flow statement, statement of changes in equity). It also includes a trial balance of accounts and introduces the notion of a roll forward grouping code.

This report has 35 structures and almost 500 associations in the XBRL base taxonomy machine readable representation. But it is actually still fairly straight forward in terms of examples because all of the structures follow only three information model patterns: Set, Roll Up, Roll Forward.

¹³ Common2, http://www.xbrlsite.com/seattlemethod/golden/common2/basetaxonomy/common ModelStructure.html

¹⁴ MINI Financial Reporting Scheme, http://www.xbrlsite.com/seattlemethod/golden/mini/basetaxonomy/mini ModelStructure.html

The MINI Financial Reporting Scheme introduces many ideas including model structure relations, type-subtype (a.k.a. wider-narrower) associations, blocks (a.k.a. information blocks), and other important ideas related to financial report logic.

ne	Label	Object Class	Period Type	Balance	Report ElementName
1	1001 - Document - Document Information	Network			http://xbrlsite.com/mini/role/level4/DocumentInformation
2	Document Information [Hypercube]	Hypercube			mini:DocumentInformationHypercube
3	Document Information [Line Items]	LineItems			mini:DocumentInformationLineItems
4	Document Information [Set]	Abstract			mini:DocumentInformationSet
5	Reporting Style Code	Concept (xbrli:tokenItemType)	For Period		mini:ReportingStyleCode
6	Document Title	Concept (Text/String)	For Period		mini:DocumentTitle
7	Balance Sheet Date	Concept (Date)	For Period		mini:BalanceSheetDate
8	Income Statement Start Period	Concept (Date)	For Period		mini:IncomeStatementStartPeriod
9	Document Identifier	Concept (Text/String)	For Period		mini:DocumentIdentifier
10	Document Fiscal Period Focus	Concept (xbrli:tokenItemType)	For Period		mini:DocumentFiscalPeriodFocus
11	Document Fiscal Year Focus	Concept (xbrli:tokenItemType)	For Period		mini:DocumentFiscalYearFocus
12	1101 - Document - Entity Information	Network			http://xbrlsite.com/mini/role/level4/EntityInformation
13	Entity Information [Hypercube]	Hypercube			mini:EntityInformationHypercube
14	Entity Information [Line Items]	LineItems			mini:EntityInformationLineItems
15	Entity Information [Set]	Abstract			mini:EntityInformationSet
16	Economic Entity Name	Concept (xbrli:tokenItemType)	For Period		mini:EconomicEntityName
17	Economic Entity Identifier	Concept (xbrli:tokenItemType)	For Period		mini:EconomicEntityIdentifier
18	1102 - Statement - Balance Sheet	Network			http://xbrlsite.com/mini/role/level4/BalanceSheet
19	Balance Sheet [Hypercube]	Hypercube			mini:BalanceSheetHypercube
20	Balance Sheet [Line Items]	LineItems			mini:BalanceSheetLineItems
21	Assets [Roll Up]	Abstract			mini:AssetsRollUp
22	Current Assets [Roll Up]	Abstract			mini:CurrentAssetsRollUp
23	Cash and Cash Equivalents	Concept (Monetary)	As Of	Debit	mini:CashAndCashEquivalents
24	Receivables	Concept (Monetary)	As Of	Debit	mini:Receivables
25	Inventories	Concept (Monetary)	As Of	Debit	mini:Inventories
26	Current Assets	Concept (Monetary)	As Of	Debit	mini:CurrentAssets
27	Noncurrent Assets [Roll Up]	Abstract			mini:NoncurrentAssetsRollUp
28	Property, Plant and Equipment	Concept (Monetary)	As Of	Debit	mini:PropertyPlantAndEquipment
29	Noncurrent Assets	Concept (Monetary)	As Of	Debit	mini:NoncurrentAssets
30	Assets	Concept (Monetary)	As Of	Debit	mini:Assets
31	Liabilities and Equity [Roll Up]	Abstract			mini:LiabilitiesAndEquityRollUp
32	Liabilities [Roll Up]	Abstract			mini:LiabilitiesRollUp
33	Current Liabilities [Roll Up]	Abstract			mini:CurrentLiabilitiesRollUp
34	Accounts Payable	Concept (Monetary)	As Of	Credit	mini:AccountsPayable
35 4	Tent Liabilities	~Concept (Monetary)	As Of	Credit	mini:CpcentLiabilities

1.7. PROOF

The **PROOF**¹⁵ example introduces additional information model complexity. While the overall size of the PROOF example gets smaller, the overall complexity increases several orders of magnitude.

The PROOF example starts to show examples of dimensional (a.k.a. Axis) information and common dimensions used in financial reporting. The PROOF example includes examples of every concept arrangement pattern and member arrangement pattern which forms the information model of an information block.

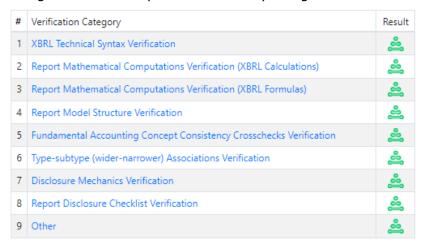
The PROOF example also can be used to show the notion of interrelationships and intersections between information structures.

The PROOF example also starts to bring up questions related to hypercube (a.k.a. Table) creation strategies.

¹⁵ PROOF, http://www.xbrlsite.com/seattlemethod/golden/proof/base-taxonomy/proof ModelStructure.html

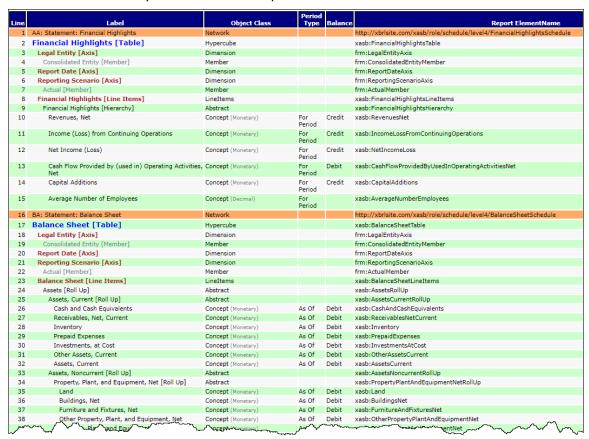
Line	Label	Report Element Category	Period Type	Balance	Report Element Name
1	01-Balance Sheet	Network			http://www.xbrlsite.com/seattlemethod/proof/role/BalanceSheet
2	Balance Sheet [Hypercube]	Hypercube			proof:BalanceSheetHypercube
3	Balance Sheet [Line Items]	LineItems			proof:BalanceSheetLineItems
4	Assets [Roll Up]	Abstract			proof:AssetsRollUp
5	Current Assets	Concept (Monetary)	As Of	Debit	proof:CurrentAssets
6	Noncurrent Assets	Concept (Monetary)	As Of	Debit	proof:NoncurrentAssets
7	Assets	Concept (Monetary)	As Of	Debit	proof:Assets
8	Liabilities and Equity [Roll Up]	Abstract			proof:LiabilitiesAndEquityRollUp
9	Liabilities [Roll Up]	Abstract			proof:LiabilitiesRollUp
10	Current Liabilities	Concept (Monetary)	As Of	Credit	proof:CurrentLiabilities
11	Noncurrent Liabilities	Concept (Monetary)	As Of	Credit	proof:NoncurrentLiabilities
12	Liabilities	Concept (Monetary)	As Of	Credit	proof:Liabilities
13	Equity [Roll Up]	Abstract			proof:EquityRollUp
14	Equity Attributable To Controlling Interests	Concept (Monetary)	As Of	Credit	proof:EquityAttributableToControllingInterests
15	Equity Attributable to Noncontrolling Interests	Concept (Monetary)	As Of	Credit	proof:EquityAttributableToNoncontrollingInterests
16	Equity	Concept (Monetary)	As Of	Credit	proof:Equity
17	Liabilities and Equity	Concept (Monetary)	As Of	Credit	proof:LiabilitiesAndEquity
18	02-Net Assets	Network			http://www.xbrlsite.com/seattlemethod/proof/role/NetAssets
19	Net Assets [Hypercube]	Hypercube			proof:NetAssetsHypercube
20	Net Assets [Line Items]	LineItems			proof:NetAssetsLineItems
21	Net Assets [Roll Up]	Abstract			proof:NetAssetsRollUp
22	Assets	Concept (Monetary)	As Of	Debit	proof:Assets
23	Liabilities	Concept (Monetary)	As Of	Credit	proof:Liabilities
24	Net Assets	Concept (Monetary)	As Of	Debit	proof:NetAssets
25	03-Income Statement	Network			http://www.xbrlsite.com/seattlemethod/proof/role/ComprehensiveIncome
26	Comprehensive Income Statement [Hypercube]	Hypercube			proof:ComprehensiveIncomeStatementHypercube
27	Comprehensive Income Statement [Line Items]	LineItems			proof:ComprehensiveIncomeStatementLineItems
28	Comprehensive Income [Roll Up]	Abstract			proof:ComprehensiveIncomeRollUp
29	Revenues	Concept (Monetary)	For Period	Credit	proof:Revenues
30	(Expenses)	Concept (Monetary)	For Period	Debit	proof:Expenses
31	Gains	Concept (Monetary)	For Period	Credit	proof:Gains
32	(Losses)	Concept (Monetary)	For Period	Debit	proof:Losses
33	Net Income	Concept (Monetary)	For Period	Credit	proof:NetIncome
34	04-Income Statement (Alternative)	Network			http://www.xbrlsite.com/seattlemethod/proof/role/ComprehensiveIncome
35	Comprehensive Income Statement [Hypercube]	Hypercube			proof:ComprehensiveIncomeStatementHypercube
36	Comprehensive Income Statement [Line Items]	LineItems			proof:ComprehensiveIncomeStatementLineItems
37	Comprehensive Income [Roll Up]	Abstract			proof:ComprehensiveIncomeRollUp
38	Income from Normal Activities of Entity	Concept (Monetary)	For Period	Credit	proof:IncomeFromNormalActivitiesOfEntity
39	Income from Peripheral or Incidental Transactions of Entity	Concept (Monetary)	For Period	Credit	proof:IncomeFromPeripheralOrIncidentalTransactionsOfEntity
40	Net Income	Concept (Monetary)	For Period		proof:NetIncome
41	05-Comprehensive Income	Network			http://www.xbrlsite.com/seattlemethod/proof/role/ComprehensiveIncome
	Comprehensive Incor/e Statement, Lypercubel		_		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

The PROOF can be used to help understand why the Seattle Method or something like the Seattle Method is not only necessary, but also quite useful when trying to work with XBRL-based digital financial reports logically. The nine different verification categories can be explained effectively using the PROOF example.



1.8. XASB

The **XASB Financial Reporting Scheme**¹⁶ is an example of a rather robust financial reporting scheme created using the techniques and principles of the Seattle Method. The XASB financial reporting scheme makes use of 100% of the different information models introduced by the PROOF example.



The XASB financial reporting scheme can be used for creating reports and experimentation.

1.9. AASB 1060

The problem with each of the other examples is that they are "synthetic"; they are contrived in order to make a very specific point or demonstrate and discuss a very specific principle.

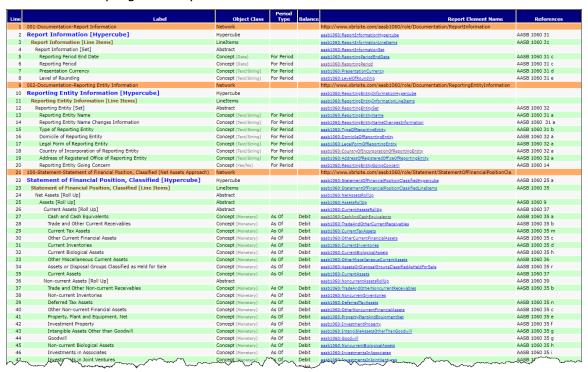
The AASB 1060^{17} example is a real financial reporting scheme represented in XBRL using the principles and techniques of the Seattle Method but is still pretty easy to get your head around. AASB 1060 is fundamentally based on IFRS for SMEs. It is published by the Australian Accounting Standards Board (AASB) and is a reporting

¹⁶ XASB Financial Reporting Scheme, http://xbrlsite.com/seattlemethod/golden/xasb/base-taxonomy/xasb ModelStructure.html

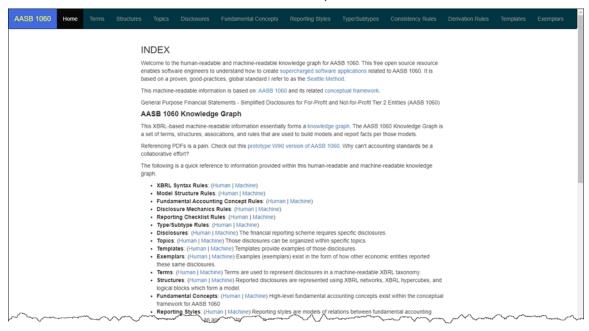
¹⁷ AASB 1060, http://xbrlsite.azurewebsites.net/2021/reporting-scheme/aasb1060/base-taxonomy/aasb1060 ModelStructure.html

standard for creating general purpose financial statements using simplified disclosures for For-Profit and Not-for-Profit tier 2 entities within Australia.

The AASB 1060 example introduces additional realities related to representing a real financial reporting scheme in the XBRL format. The example provides references to make moving from the XBRL taxonomy to the standards; or from the standards to the XBRL taxonomy significantly easier.



In addition, the AASB 1060 example provides an alternative (prototype) and improved version of the interface into the XBRL taxonomy:



In addition, the AASB 1060 example can be used to discuss the notion of "Topics", "Disclosures", "Templates" and "Exemplars" in greater detail.

2. Beyond Reports

In addition to being able to represent financial report using XBRL, digital reporting can also be applied to accounting working papers and schedules, audit working papers and schedules, and financial analysis models.

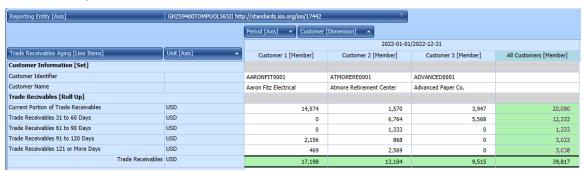
Think logical spreadsheets¹⁸.

2.1. Trade Accounts Receivable Aging

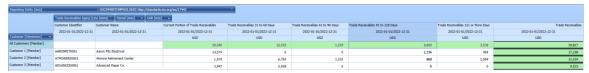
A fairly straight forward accounting working paper is a trade accounts receivable aging. Here is an example of such a trade accounts receivable aging if someone created this report in Excel:

			Portion	Portion 30 to	Portion 61 to	Portion 91 to	Portion 120
CustomerNumber	CustomerName	Total	Current	60	90	120	Plus
AARONFIT0001	Aaron Fitz Electrical	17,198.04	14,573.55	-	-	2,155.79	468.70
ATMORERE0001	Atmore Retirement Center	13,104.14	1,569.74	6,764.32	1,333.10	867.58	2,569.40
CRAWFORD0001	Crawfords, Inc.	9,514.65	3,946.66	5,567.99	-	-	-
	Total	39,816.83	20,089.95	12,332.31	1,333.10	3,023.37	3,038.10

The same information represented in XBRL and then loaded into off-the-shelf XBRL software might look as follows:



An advantage of XBRL is that the view can be pivoted just like an Excel pivot table if you prefer a different orientation:

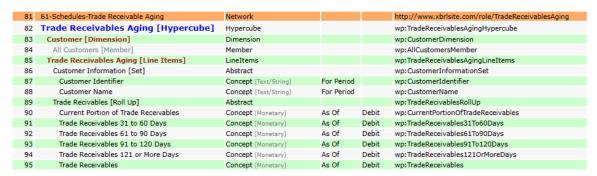


The trade accounts receivable aging is part of the next example that I will show which is accounting working papers for say a compilation, review, or audit. Here is the section of the trade accounts receivable aging that is part of that larger group of auditing working papers:

CC0 1.0 Universal (CC0 1.0)

Public Domain Dedication

¹⁸ Logical spreadsheets, https://digitalfinancialreporting.blogspot.com/2023/05/universal-global-standard-logical.html



Effectively what you see is a model of the report. This model paradigm is in contrast to the table layout paradigm that is used in Excel.

2.2. Accounting and Auditing Working Papers

The trade receivables aging is part of a much larger model which is that of auditing working papers¹⁹.

Line	Label	Object Class	Period Type	Balance	Report Element
1	00-General Information	Network	.,,,		http://www.xbrlsite.com/role/GeneralInformation
2	General Information [Hypercube]	Hypercube			wp:GeneralInformationHypercube
3	Hypercube [Line Items]	LineItems			wp:HypercubeLineItems
4	General Information [Set]	Abstract			wp:GeneralInformationSet
5	Audit Firm Identifier	Concept (Text/String)	For Period		wp:AuditFirmIdentifier
6	Economic Entity Identifier	Concept (Text/String)	For Period		wp:EconomicEntityIdentifier
7	Financial Report Balance Sheet Date	Concept (Date)	For Period		wp:FinancialReportBalanceSheetDate
8	Audit Result Information [Set]	Abstract			wp:AuditResultInformationSet
9	Audit Opinion Date	Concept (Date)	For Period		wp:AuditOpinionDate
10	Audit Opinion Issued Type	Concept (Text/String)	For Period		wp:AuditOpinionIssuedType
11	01-Audit Working Papers Index	Network			http://www.xbrlsite.com/role/AuditWorkingPapersInc
12	Audit Working Papers Index [Hypercube]	Hypercube			wp:AuditWorkingPapersIndexHypercube
13	Hypercube [Line Items]	LineItems			wp:HypercubeLineItems
14	Workpapers [Set]	Abstract			wp:WorkpapersSet
15	Cash and Cash Equivalents Section	Concept (Text/String)	For Period		wp:CashCashEquivalentsSection
16	Receivables Section	Concept (Text/String)	For Period		wp:ReceivablesSection
17	Property, Plant and Equipment Section	Concept (Text/String)	For Period		wp:PropertyPlantEquipmentSection
18	Payables Section	Concept (Text/String)	For Period		wp:PayablesSection
19	Accruals Section	Concept (Text/String)	For Period		wp:AccrualsSection
20	Long-term Debt Section	Concept (Text/String)	For Period		wp:Long-termDebtSection
21	Equity Section	Concept (Text/String)	For Period		wp:EquitySection
22	Revenues Section	Concept (Text/String)	For Period		wp:RevenuesSection
23	Expenses Section	Concept (Text/String)	For Period		wp:ExpensesSection
24	02-Audit Program	Network			http://www.xbrlsite.com/role/AuditProgram
25	Audit Program [Hypercube]	Hypercube			wp:AuditProgramHypercube
26	Hypercube [Line Items]	LineItems			wp:HypercubeLineItems
27	Background and Planning [Set]	Abstract			wp:BackgroundPlanningSet
28	Audit Program General [Set]	Abstract			wp:AuditProgramGeneralSet
29	Audit Objectives [Set]	Abstract			wp:AuditObjectivesSet
30	Audit Procedures [Set]	Abstract			wp:AuditProceduresSet
3t	Information Systems [Set]	Abstract	كسمر		wp:InformativeSystemsSet

Keep in mind that the accounting and auditing working papers example that you see is a prototype that is still very much a work in progress. But it will give you an idea of the possibilities.

2.3. Working Trial Balance (Post Close)

As part of a compilation, review, or audit; a certified public accountant generally creates a working trial balance that is used as the foundation for the financial report that is being created. This same process is used by many economic entities that create

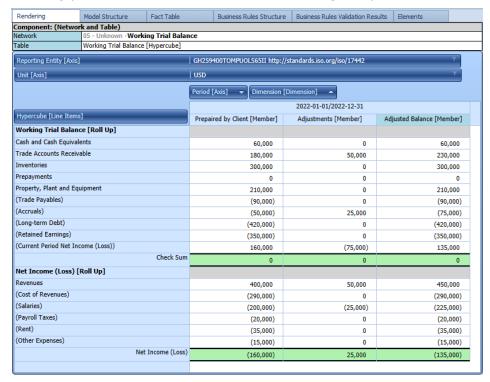
¹⁹ Accounting and Auditing Working Papers, http://www.xbrlsite.com/seattlemethod/golden/wp/base-taxonomy/wp_ModelStructure.html

external financial reports. Below you see a small prototype of a working trial balance (post close) represented in XBRL and then rendered by off-the-shelf XBRL software:

	Period [Aspect]						
	2022-12-31						
	Dimension [Dimension]						
Concept [Aspect]	Prepaired by Client [Member]	Adjustments [Member]	Adjusted Balance [Member]				
Working Trial Balance [Roll Up]							
Cash and Cash Equivalents	\$ 60,000	\$ 0	\$ 60,000				
Trade Accounts Receivable	180,000	50,000	230,000				
Inventories	300,000	0	300,000				
Prepayments	0	0	0				
Property, Plant and Equipment	210,000	0	210,000				
(Trade Payables)	(90,000)	0	(90,000)				
(Accruals)	(50,000)	(25,000)	(75,000)				
(Long-term Debt)	(420,000)	0	(420,000)				
(Retained Earnings)	(190,000)	(25,000)	(215,000)				
Check Sum	\$ 0	\$ 0	\$ 0				

2.4. Working Trial Balance (Pre-Close)

Working pre-close trial balance used for creating compilations, reviews, or audits²⁰:



²⁰ Working Trial Balance, http://www.xbrlsite.com/seattlemethod/golden/wtb/base-taxonomy/wtb ModelStructure.html

https://auditchain.infuraipfs.io/ipfs/QmX4RRvGuA47SjhfWeNyLKnQS2PfJRy36QUZy5H8k18Tcp/5c437c2a420f 8ec3f760.html#7d143e5f8e68aa000ff0

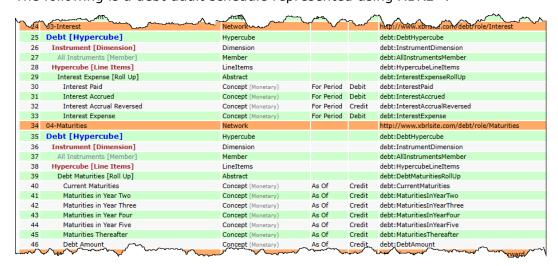
		Dimension [Dimension]	Adjusted Deleges (84 b)	Adiostoranta (Mass-1)	Described by Client (54
Concept	Period		Adjusted Balance [Member]	Adjustments [Member]	Prepaired by Client [Membe
Working Trial Balance [Roll Up]					
Cash and Cash Equivalents	2022-12	:-31	60,000	0	60,0
Trade Accounts Receivable	2022-12	-31	230,000	50,000	180,0
Inventories	2022-12	:-31	300,000	0	300,0
Prepayments	2022-12	:-31	0	0	
Property, Plant and Equipment	2022-12	-31	210,000	0	210,0
(Trade Payables)	2022-12	-31	(90,000)	0	(90,
(Accruals)	2022-12	-31	(75,000)	25,000	(50,
(Long-term Debt)	2022-12	-31	(420,000)	0	(420,
(Retained Earnings)	2022-12	-31	(350,000)	0	(350,
(Current Period Net Income (Loss))	2022-12	-31	135,000	(75,000)	160,
Check Sum	2022-12	-31	<u>o</u>	<u>o</u>	
Net Income (Loss) [Roll Up]					
Revenues	2022-01	-01 to 2022-12-31	450,000	50,000	400,
(Cost of Revenues)	2022-01	-01 to 2022-12-31	(290,000)	0	(290,
(Salaries)	2022-01	-01 to 2022-12-31	(225,000)	(25,000)	(200,
(Payroll Taxes)	2022-01	-01 to 2022-12-31	(20,000)	0	(20,
(Rent)	2022-01	-01 to 2022-12-31	(35,000)	0	(35,
(Other Expenses)	2022-01	-01 to 2022-12-31	(15,000)	0	(15,
Net Income (Loss)	2022-01	-01 to 2022-12-31	(135,000)	25,000	(160,

	Period [Aspect]						
	2022-12-31						
		Dimension [Dimension]					
Concept [Aspect]	Prepaired by Client [Member]	Adjustments [Member]	Adjusted Balance [Member]				
Working Trial Balance [Roll Up]							
Cash and Cash Equivalents	\$ 60,000	\$ 0	\$ 60,000				
Trade Accounts Receivable	180,000	50,000	230,000				
Inventories	300,000	0	300,000				
Prepayments	0	0	0				
Property, Plant and Equipment	210,000	0	210,000				
(Trade Payables)	(90,000)	0	(90,000)				
(Accruals)	(50,000)	25,000	(75,000)				
(Long-term Debt)	(420,000)	0	(420,000)				
(Retained Earnings)	(350,000)	0	(350,000)				
(Current Period Net Income (Loss))	160,000	(75,000)	135,000				
Check Sum	\$ 0	\$ 0	\$ 0				

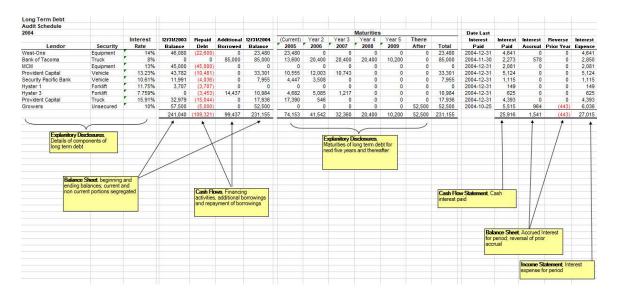
		Period [Aspect]	
		2022-01-01 2022-12-31	
		Dimension [Dimension]	
Concept [Aspect]	Prepaired by Client [Member]	Adjustments [Member]	Adjusted Balance [Member]
Net Income (Loss) [Roll Up]			
Revenues	\$ 400,000	\$ 50,000	\$ 450,000
(Cost of Revenues)	(290,000)	0	(290,000)
(Salaries)	(200,000)	(25,000)	(225,000)
(Payroll Taxes)	(20,000)	0	(20,000)
(Rent)	(35,000)	0	(35,000)
(Other Expenses)	(15,000)	0	(15,000)
Net Income (Loss)	\$ (160,000)	\$ 25,000	\$ (135,000)

2.5. Debt Audit Schedules Example

The following is a debt audit schedule represented using XBRL²¹:



²¹ Debt, http://www.xbrlsite.com/seattlemethod/golden/debt/base-taxonomy/debt_ModelStructure.html



2.6. Work in Progress Example

The following is a work in progress accounting schedule represented using XBRL²²:

17	02-Detail	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	- 0	Not	work	menacelli i y pe	.,,	· ·		the wholeite	com/wip/role	/Detail	~ 00	
												Detail		
					percube				wip:WorkIn					
19					nension				wip:Contrac					
20					mber				wip:AllCont					
21					eItems				wip:Hyperc					
22					stract				wip:Contrac					
23					ncept (xbrli:to				wip:Contrac		r			
24					ncept (Text/St	tring)	For Period		wip:Contrac					
25	,				stract				wip:GrossPi		р			
26					ncept (Moneta		For Period		wip:Revenu					
27				Cor	ncept (Moneta	iry)	For Period	Debit	wip:CostOff					
28	Gross Profit			Cor	ncept (Moneta	ry)	For Period	Credit	wip:GrossPr	rofit				
29	Estimated Revenues, Costs, and Gross Profit	t for Total Co	ntract [Roll	Up] Abs	stract				wip:Estimat	edReven	uesCostsAnd(GrossProfitFor	TotalContrac	tRollUp
30	Contract Revenue, Estimated Revenue			Cor	ncept (Moneta	гу)	As Of	Credit	wip:Contrac	tRevenu	eEstimatedRe	venue		
31	Contract Costs, Estimated Cost	rk in Process [Hypercube] ntract [Dimension] il Contract (Member) percube [Line Items] contract Details [Set] Contract Name Gross Profit [Roll Up] Revenues Cost of Revenue Cost of Revenue, Sciss, and Gross Profit for Total Contract [Re Contract Revenue, Estimated Revenue Contract Costs, Estimated Cost Contract Gross Profit Total Contract Contract Gross Profit Total Contract Evenues, Costs, and Gross Profit from Inception [Roll Up] Contract Gross Profit Total Contract Contract Gross Profit from Inception [Roll Up] Contract Revenue, Earned to Date Contract Costs, Incurred to Date Contract Costs, Estimated Cost to Complete Percentage Complete Contract Costs, Estimated Cost to Complete Percentage Complete Costs and Estimated Earnings in Excess of Billings, Net urnk in Process [Hypercube] percube [Line Items] Revenue Costs Total contract Estimated Revenue Costs aca 18,986,000 18,136,001 Contract in 19,855,000 9,985,001 Zond Contract in 19,855,000 18,136,001 Lake Center 11,920,000 11,545,001 Lake Center 11,920,000 11,545,001				ry)	As Of	Debit	wip:Contrac	tCostsEs	timatedCost			
32	Contract Gross Profit Total Contract			Cor	ncept (Moneta	ry)	As Of	Credit	wip:Contrac	tGrossPr	ofitTotalContr	act		
33	Revenues, Costs, and Gross Profit from Ince	ption [Roll L	lp]	Abs	stract				wip:Revenu	esCostsA	IndGrossProfit	FromInceptio	nRollUp	
34	Contract Revenue, Earned to Date			Cor	ncept (Moneta	iry)	As Of	Credit	wip:Contrac	tRevenu	eEarnedToDat	e		
35	Contract Costs, Incurred to Date			Cor	ncept (Moneta	iry)	As Of	Debit	wip:Contrac	tCostsIn	curredToDate			
36	Contract Gross Profit from Inception to Da	te		Cor	ncept (Moneta	ry)	As Of	Credit	wip:Contrac	tGrossPr	ofitFromIncer	otionToDate		
37	Billings from Inception [Set]			Abs	stract				wip:Billings	FromInce	eptionSet			
38	Contract Billings from Inception to Date	Cor	ncept (Moneta	rv)	As Of	Debit	wip:Contrac	tBillings	FromInception	ToDate				
39		Contract Billings from Inception to Date Completion Information [Set] Contract Costs, Estimated Cost to Complete							wip:Comple					
40			stract ncept (Moneta	irv)	As Of	Debit	wip:ContractCostsEstimatedCostToComplete							
41			ncept (Percent		As Of		wip:PercentageComplete							
42		Billings, Ne			ncept (Moneta		As Of	Debit		nasNet				
43	03-Summary	Dinnigo, ite			Network			Dubit	wip:CostsAndEstimatedEarningsInExcessOfBillingsNet http://www.xbrlsite.com/wip/role/Summary					
44	•				percube				wip:WorkIn		-	Julilliary		
				- "										
45		~~~ ~~ -		Line	eIteps	~~/		/	wip:Hypero	ubeLineji	DODADURO	~~~	~~~~	W/\
ample	Construction Compani, Inc.			V~							V	3084		
onstru	ction Contracts in Progress													
or the	year ended December 31, 2022													
			Total contract			m Inception to	December 31,	2022		ecember 3	1, 2022	For the Year	Ended Decem	ber 31, 2022
					Estimated				Estimated			Earned		
ontract				Estimated	Contract	Contract		Contract	Costs to	Percent		Contract	Contract	
No	Contract Description Highland Center			Gross Profit 620,000	Revenue 10.388.000	9,780,000	Gross Profit 608.000	Billings 10.663,000	Complete 185.000	Complete 98%		7,618,000	7.155.000	Gross Prof
	WT Plaza			850,000	18.230.000		816,000	18,656,000	722,000	96%		14.610.000	13.938.000	672.00
	Plaza Center		13,392,000	480.000	10,492,000		365,000	10,498,000	3.265.000	76%		10.492.000	10,127,000	365.00
202			10,556,000	430,000	619,000	619,000	0	513,000	9,937,000	6%		619,000	619,000	000,00
202 203	Commerce Center		10 110 000	577,000	0	0	0	0	13,443,000	0%		0	0	
202 203 204		14,020,000						37.602.000	13.307.000	72%	(1.725.000)	35.864.000	34.363.000	1.501.0
202 203 204	Commerce Center Silver Lake Center Miscellaneous contracts in progress under \$10,000,000	14,020,000 49,809,000	47,683,000	2,126,000	35,877,000					7270				
202 203 204	Commerce Center Silver Lake Center Miscellaneous contracts in progress under \$10,000,000	14,020,000 49,809,000	47,683,000			72,316,000		77,932,000	40,859,000	12.0	(2,326,000)	69,203,000		3,001,00
202 203 204	Commerce Center Silver Lake Center Miscellaneous contracts in progress under \$10,000,000	14,020,000 49,809,000	47,683,000	2,126,000	75,606,000	72,316,000	3,290,000	77,932,000	40,859,000		(2,326,000)			
202 203 204	Commerce Center Silver Lake Center Miscellaneous contracts in progress under \$10,000,000	14,020,000 49,809,000	47,683,000	2,126,000	75,606,000 Costs and 6	72,316,000 estimated gros		77,932,000 ess of billings	40,859,000 on contracts in	progress	(2,326,000)			

²² Work in Progress Schedule,

http://www.xbrlsite.com/seattlemethod/golden/wip/base-taxonomy/wip ModelStructure.html

2.7. Compilation, Review, and Audit Lead Schedules

The following is an example of lead schedules created using XBRL that could be used for compilations, reviews, or audits. Could also be used for internal audits. (Note that all the necessary negated label roles have not been added.)

https://auditchain.infura-

ipfs.io/ipfs/Qmebo8rwo2B5sreuDrNfJuPULDA4wxfaSboNZqWsYPqwLB/9faddf8fc176c 8337024.html#f86a84c6800ca73559f3

	Period		2022-12-31	
	Status [Dimension]			D
Concept		Adjusted [Member] Adjustments [Member] Prepared by Client [Member]	Prepared by Client [Member]	
Cash and C	Cash Equivalents [Roll Up]			
000-110	00-00 - BofA Checking	40,000	0	40,000
000-110	05-00 - Payroll imprest account - B of A	15,000	0	15,000
000-110	07-00 - Petty cash on hand	5,000	0	5,000
Cash a	nd Cash Equivalents	60,000	0	60,000
Trade Acco	unts Receivable [Roll Up]			
000-120	00-00 - AR	230,000	50,000	180,000
Trade A	Accounts Receivable	230,000	50,000	180,000
Inventories	s [Roll Up]			
000-130	00-00 - Inventory on hand	300,000	0	300,000
Invento	pries	300,000		300,000
Property, P	Plant and Equipment [Roll Up]			
000-150	00-00 - Furniture and fixtures	210,000	0	210,000
Proper	ty, Plant and Equipment	210,000		210,000
Trade Acco	unts Payable [Roll Up]			
000-21	50-00 - AP	90,000	0	90,000
Trade P	Payables	90,000	0	90,000
Long-term	Debt [Roll Up]			
000-230	00-00 - Note payable Bank of America	75,000	25,000	50,000
Long-to	erm Debt	75,000	25,000	50,000
Retained E	arnings [Roll Up]			
000-320	00-00 - RE	350,000	0	350,000
Retaine	ed Earnings	350,000	0	350,000

MASTERING XBRL-BASED DIGITAL FINANCIAL REPORTING - PART 4: EXAMPLES AND SAMPLES - GOLDEN EXAMPLES -CHARLES HOFFMAN, CPA

Component: (Network and Hypercube)						
	10-Lead Schedules (http://luca.auditchain.finance/report/role/LeadSchedules)					
Hypercube	Lead Schedule [Hypercube]					

Reporting Entity [Asped] GH259400TOMPUOLS65II http://standards.iso.org/iso/17442					
	Jnit [Aspect]	iso4217:USD			

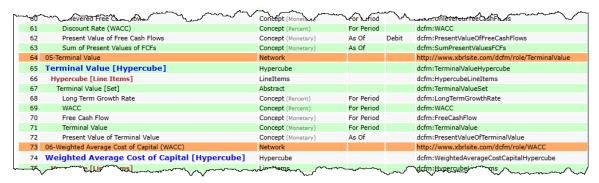
		Period [Aspect]	
		2022-12-31	
		Status [Dimension]	
Concept [Aspect]	Prepared by Client [Member]	Adjustments [Member]	Adjusted [Member]
Cash and Cash Equivalents [Roll Up]			
000-1100-00 - BofA Checking	40,000	0	40,000
000-1105-00 - Payroll imprest account - B of A	15,000	0	15,000
000-1107-00 - Petty cash on hand	5,000	0	5,000
Cash and Cash Equivalents (WTB)	60,000	0	60,000
Trade Accounts Receivable [Roll Up]			
000-1200-00 - AR	180,000	50,000	230,000
Trade Accounts Receivable (WTB)	180,000	50,000	230,000
Inventories [Roll Up]			
000-1300-00 - Inventory on hand	300,000	0	300,000
Inventories (WTB)	300,000	0	300,000
Property, Plant and Equipment [Roll Up]			
000-1500-00 - Furniture and fixtures	210,000	0	210,000
Property, Plant and Equipment (WTB)	210,000	0	210,000
Trade Accounts Payable [Roll Up]			
000-2150-00 - AP	90,000	0	90,000
Trade Payables (WTB)	90,000	0	90,000
Long-term Debt [Roll Up]			
000-2300-00 - Note payable Bank of America	50,000	25,000	75,000
Long-term Debt (WTB)	50,000	25,000	75,000
Retained Earnings [Roll Up]			
000-3200-00 - RE	350,000	0	350,000
Retained Earnings (WTB)	350,000	0	350,000

		Period [Aspect]								
	2022-12-31									
		Status [Dimension]								
Concept [Aspect]	Prepared by Client [Member]	Adjustments [Member]	Adjusted [Member]							
Cash and Cash Equivalents [Roll Up]										
000-1100-00 - BofA Checking	40000	0	✓ 40000							
000-1105-00 - Payroll imprest account - B of A	15000	0	✓ 15000							
000-1107-00 - Petty cash on hand	5000	0	✓ 5000							
Cash and Cash Equivalents (WTB)	✓ 60000	✓ 0	✓ 60000							
Trade Accounts Receivable [Roll Up]										
000-1200-00 - AR	180000	50000	✓ 230000							
Trade Accounts Receivable (WTB)	✓ 180000	✓ 50000	✓ 230000							
Inventories [Roll Up]										
000-1300-00 - Inventory on hand	300000	0	✓ 300000							
Inventories (WTB)	✓ 300000	✓ 0	✓ 300000							
Property, Plant and Equipment [Roll Up]										
000-1500-00 - Furniture and fixtures	210000	0	✓ 210000							
Property, Plant and Equipment (WTB)	✓ 210000	✓ 0	✓ 210000							
Trade Accounts Payable [Roll Up]										
000-2150-00 - AP	90000	0	✓ 90000							
Trade Payables (WTB)	✓ 90000	✓ 0	✓ 90000							
Long-term Debt [Roll Up]										
000-2300-00 - Note payable Bank of America	50000	25000	✓ 75000							
Long-term Debt (WTB)	✓ 50000	✓ 25000	✓ 75000							
Retained Earnings [Roll Up]										
000-3200-00 - RE	350000	0	✓ 350000							
Retained Earnings (WTB)	✓ 350000	✓ 0	✓ 350000							

2.8. Discounted Cash Flow Model, Unlevered

The following is an unlevered discounted cash flow model represented using XBRL²³:

²³ Discounted Cash Flow Model, http://www.xbrlsite.com/seattlemethod/golden/dcfm/basetaxonomy/dcfm ModelStructure.html



Discounted Cash Flow Model (Unlevered)								
Valuation Date:		7/1/2018						
Share Price on Valuation Date:		\$112.33						
Diluted Shares Outstanding		7,794,000,000						
Select Operating Data								
		Actual			Pr	ojected Annual Fored	ast	
	2016A	2017A	2018A	2019P	2020P	2021P	2022P	2023
Revenue	\$85,320,000,000	\$89,950,000,000	\$110,360,000,000	\$121,396,000,000	\$133,535,600,000	\$146,889,160,000	\$161,578,076,000	\$177,735,883,60
Revenue Growth Rate (%)		596	23%	10.0%	10.0%	10.0%	10.0%	10.09
EBITDA	\$27,616,000,000	\$34,149,000,000	\$49,468,000,000	\$48,558,400,000	\$53,414,240,000	\$58,755,664,000	\$64,631,230,400	\$71,094,353,440
EBITDA Margin (%)	32.4%	38.0%	44.8%	40.0%	40.0%	40.0%	40.0%	40.0%
EBIT	26,373,000,000	31,927,000,000	46,735,000,000	\$36,418,800,000	\$40,060,680,000	\$44,066,748,000	\$48,473,422,800	\$53,320,765,080
EBIT Margin (%)	30.9%	35.5%	42.3%	30.0%	30.0%	30.0%	30.0%	30.0%
Depreciation & Amortization	\$6,622,000,000	\$8,778,000,000	\$10,261,000,000	\$9,711,680,000	\$10,682,848,000	\$11,751,132,800	\$12,926,246,080	\$14,218,870,688
D&A as a % of revenue	7.8%	9.8%	9.3%	8.0%	8.0%	8.0%	8.0%	8.09
Dax as a 10 of revenue	7.070	3.670	3.370	8.0%	0.070	8.076	8.076	8.0%
Select Balance Sheet And Other Data								
Select balance Sheet And Other bata		Actual			D.	ojected Annual Fored	net.	
	2016A	2017A	2018A	2019P	2020P	2021P	2022P	2023
Cash	\$6,510,000,000	\$7,663,000,000	\$11,946,000,000	\$11,946,000,000	\$11,946,000,000	\$11,946,000,000	\$11,946,000,000	\$11,946,000,000
Accounts Receivable	18,277,000,000	19,792,000,000	26,481,000,000	29,129,100,000	32,333,301,000	36,213,297,120	40,921,025,746	46,240,759,09
Inventories	2,251,000,000	2,181,000,000	2,662,000,000	2,701,930,000	2,837,026,500	2,978,877,825	3,127,821,716	3,284,212,80
Prepaid Expenses	5,892,000,000	4,897,000,000	6,751,000,000	7,763,650,000	8,928,197,500	10,267,427,125	11,807,541,194	13,578,672,37
repaid expenses	3,032,000,000	4,057,000,000	0,731,000,000	7,703,030,000	0,520,157,500	10,207,427,123	11,007,541,154	15,570,072,57
Accounts Payable	\$6,898,000,000	\$7,390,000,000	\$8,617,000,000	\$9,478,700,000	\$10,426,570,000	\$11,469,227,000	\$12,616,149,700	\$13,877,764,670
Accrued Expenses	5,264,000,000	5,819,000,000	6.103.000.000	6,713,300,000	7,384,630,000	8,123,093,000	8,935,402,300	9,828,942,530
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-,,,		-,,,	.,,,	-,,,	-,,,	-,,,
Debt	40,949,000,000	77,837,000,000	76,898,000,000	76,898,000,000	76,898,000,000	76,898,000,000	76,898,000,000	76,898,000,000
Gross PP&E (increases annually be capex)	38,156,000,000	47,913,000,000	58,683,000,000	64,551,300,000	71,006,430,000	78,107,073,000	85,917,780,300	94,509,558,330
Accounts Receivable Growth (%)		7.7%	25.3%	10.0%	11.0%	12.0%	13.0%	13.0%
Inventories Growth (%)		-3.2%	18.1%	1.5%	5.0%	5.0%	5.0%	5.0%
Prepaid Expenses Growth (%)		-20.3%	27.5%	15.0%	15.0%	15.0%	15.0%	15.0%
Accounts Payable Growth (%)		6.7%	14.2%	10.0%	10.0%	10.0%	10.0%	10.0%
Accrued Expenses Growth (%)		9.5%	4.7%	10.0%	10.0%	10.0%	10.0%	10.09
Capital Expenditures Growth (%)		20.4%	18.4%	10.0%	10.0%	10.0%	10.0%	10.0%
Free Cash Flow Buildup								
•		Actual			Pr	ojected Annual Fored	ast	
	2016A	2017A	2018A	2019P	2020P	2021P	2022P	2023
L				1	2	3	4	1
Period								

2.9. Financial Analysis Model

The following is a financial analysis model represented using XBRL²⁴:

http://www.xbrlsite.com/seattlemethod/golden/finance/base-taxonomy/finance ModelStructure.html

²⁴ Financial Analysis Model,

ine							Object	t Class		Per Ty	iod pe	Balance				Reno	rt Ele	ment N	ame
1 10-Revenue	Build /	Unit Fo	onomi	cs			Network			- y	,,,			://www.xbrlsite.com/fir	nance/				emc
2 Revenue							Hypercube						_	nce:RevenueBuildHyper		TOIC/ K	cvenu	EDUNG	
			ei cu	inel											cube				
3 Product [Dimension							nce:ProductDimension					
4 All Produ							Member							nce:AllProductsMember					
	t 1 [Me						Member							nce:Product1Member					
6 Produc	-	_					Member							nce:Product2Member					
7 Product	t 3 [Me	mber]					Member						fina	nce:Product3Member					
8 Product	t 4 [Me	mber]					Member						fina	nce:Product4Member					
9 Revenue	Build [Line It	ems]				LineItems						fina	nce:RevenueBuildLineIt	ems				
10 Revenue	Build [Arithme	etic]				Abstract						fina	nce:RevenueBuildArithn	netic				
11 Quantit	tv Sold						Concept (Integ	er)		For Pe	riod		fina	nce:QuantitySold					
12 Price p							Concept (Mone	tary)		For Pe	riod			nce:PricePerUnit					
13 Cost pe							Concept (Mone			For Pe				nce:CostPerUnit					
14 Unit Ma		Cost (CAC				Concept (Mone			For Pe				nce:UnitMarketingCostC					
15 Revenu		Cost (CAC							For Pe		Credit			.AC				
		fo. 12					Concept (Mone	etary)		FOI PE	riou	Credit		nce:Revenue					
10 710 71							Abstract							nce:AsRevenueSet					
17 % of To	otal Rev	enue	_~~	~~	_~~	_	Consert (Perse	Sup>	<i>ا</i>	For Pe	riod	, ,	fina	nce:PercentOfTotalReve	nue _	\	~~		~_~
The state of the s	nanci	al Mo	del, i	Key R	atios	, & V	aluation *Update	ed*		-									
cial Model						-	Key Ratios							OCF Valuation				to the state of	
	Time 6	Time 1	Time 2	Time 3	Time 4	Time 5		Time 0	Time 1	Time 2	Time 3	Time 4	ime 5		Time 0	Time 1	Time 2	Time 3	Time 4
nue Build / Unit Econor	micz						Product Operating Ratios							Key Assumptions					
not #1 Night mark	hating con	, flat mary	gins, asw	growth	-		Product #1						-	Risk free rate	3%				
tty sold per unit	5	5 7	5 7	5 7		- :	Units growth Pricing growth	2%	2% 2%	2% 2%	2% 2%	2%	2%	Debt interest rate Tax rate	6% 35%				
er unit	2	2	2	2	2	- 2	ROAS	2,3x	2.3x	2.3x	2.3x	2.3x	2.3x	Stock's beta	1.5				
erketing cost (CAC) ct #1 Revenue	35	36	38	39	41	43	Gross margin LTV/CAC (no recurring here)	71% 1.7x	71% 1.7x	71% 1.7s	1.71	71% 1.7x	71% 5.7x	Market rate of return	9%	1			
otal revenue	24%	24%	23%	22%	21%	20%	Unit contribution margin	29%	29%	29%	29%	29%	29%	Calculating a WACC	190,000				
st.#2 Argh grow	oth & name	-	Ann dead	with front			Product #2					55501	100	Cost of debt	17%			CAIM == 8	
thy sold	1.0	1.6	1.7	1.0	1.9	2.0	Units growth	6%	6%	9%	61	6%	4%					- 1	Company
per unit	25	25	28	29	30	32	Pricing growth ROAS	5%	5%	5%	5%	5%	5.8x	Capital Asset Pricing Model (promula		Period -5	8%
per unit narketing cost (CAC)	10	5	10	11		11	Gross margin	5.8x	5.1x 61%	5.3x 62%	5.5x	5.6x	5.8X	Cost of Equity = nox free rate gr (market return minus risk fre				Period -4 Period -3	-5%
act #2 Revenue	38	42	46	52	50	- 64	LTV/CAC (no recurring here)	3.01	3.11	3.3s	3.54	3.6x	3.8x					Period -2	27%
total revenue	26%	27%	28%	29%	30%	30%	Unit contribution margin	40%	42%	43%	45%	47%	48%	Cost of equity % EV equity	12%			Period -1 Day 0	12%
est.63 Nigh marg	por, "view"	growth pr	rodict-	1	30.0		Product.#2		J = 5.00	(L. 1564)	- 76		38-00	sharpeted average cost of capits	IF (WAC)	9			-
thy sold per unit	- 2	2 8	3	3	10	10	Units growth Pricing growth	24%	24%	24%	24%	24%	24%	WACC *	11%			Var Coverience	
per unit	1	17	1	- 1	1	1	ROAS	7.0x	7.4x	7.8x	8.3x	8.8x	9.3x	-				Sets of the	
nerketing cost (CAC) act #3 Revenue	1	1,	.1	1	.1	1	Gross margin LTV/CAC (no recurring here)	86%	87%	87%	88%	89%	89%	Calculating a Terminal Value	/ Multipl			Invocation	D. HOUSE
total revenue	9%	11%	14%	17%	21%	26%	Unit contribution margin	5.0v	73%	6.8x	7.3x 761	7.8x	79%	Long term growth rate ("g")	25	Average o	of mail re	venue grow	th rate &
	-						-							Ciscount rate # WACC	11%				
act #4 fow margi	on, decimal	ng produc	4	4			Product #4 Units growth	-4%	-4%	-4%	-45	-6%	-4%	Free cash flow * (1+g) Terminal value	1.331	· FCF 1/1	*III / IDI	acount rune -	- 00
per unit	15	15	15	15	16	16	Pricing growth	1%	1%	1%	1%	1%	1%	Terminal multiple	34x	- 1/3Dm	count ram	1-00	April .
per unit narketing cost (CAC)		8	- 1				ROAS Gross margin	5,0x	5.0x	4.9x	4.9x	4.8x	4.8x	Discounted Cash Flow	7				
ct #4 Revenue	60	58	56	55	53	51.	LTV/CAC (no recurring here)	2.31	2.31	2.21	2.21	2.1x	2.1x			1000		- 22	- 50
total revenue	41%	38%	35%	31%	28%	24%	Unit contribution margin	27%	29%	25%	24%	24%	23%	Untered FCF		14	18	23	30
ne Statement							Memo: Inflation	2%	2%	2%	21	2%	2%	Terminal value Value received		14	18	23	30
tue .	145	153	163	176	192	212	Business Operating Ratios					10000		Discounted value		13	15	17	20
le COGS	50	60	62	64	66	69								DCF Value	878	1	Higher I	han previou	es %
COGS oss profit	35 71	15 78	15 86	.15 96	16 110	127	Revenue growth EBITDA growth		5.6% 15%	6.6%	7.8%		10.6%	Value per share	136				
sie SG&A	36	38	39	41	43	45	COLL PAY BLOWS		1976	10%	2075	200	2476						
SOSA ITDA	- 5		. 5	- 6	5	75	EBITOA margin	21%	23%	25%	28%	32%	35%	Sonstivities					
ITDA	30	35	41	50	61	11	Contribution margin Gross margin	49%	51%	63% 53%	55%	57%	72%		_	impact or	Name .	NO. OF STREET	
π .	20	10 25	31	39	50	64	Net income margin	1%	3%	5%	71		14%			Equity	EV-to-	Price-to-	
et IT	18	18	19	20	19 30	20	Valuation Ratios					1000						Earnings Multiple	
	1	2	4	7	11	36			TO place	11,222			1700			-		-	
t income	1	1	8	13	20	29	Market cap Shares	678	678	678	678	678	676	1% higher <u>unit</u> growth		4%	1.30	6.7x	
9	0.3	0.8	1.6	2.6	4.0	5.8	Price per share	136	136	136	136	136	136	11% higher price growth		- 6%	1.81	9.54	
Cash Flow Statement							Gross debt	300	306	312	318	325	331						
		77	-	17.5		-	Cash on hand	(100)	(398)	(120)	(337)	(361)	(194)						
come		10	10	13	20	29	Net debt Enterprise value (EV)	200 876	198 876	192 870	181	164 841	137 815						
was ordered		. 0	0	0 24	. 0	. 0		-	10.000	-	7.0	0.00	-						
senating cash flow x (* D&A)		(12)	(12)	(13)	(13)	40 (13)	LEYECEGE; Debt / ESITDA	10.0x	8.04	7.64	6.44	5.3v	4.41						
		0	0	0	0	0	Net debt / EBITDA	6.7x	5.7x	4.7x	3.6x	2.7x	1.8x						
resting cash flow raised		(12)	(12)	(13)	(13)	(13)	Dett N. EV	34%	35%	30%	37%	39%	41%						
raised		0	ō	· ·	0		Net debt % EV	23%	23%	22%	21%		17%						
sancing cash flow		0	0	0	0	0	Valuation:												
pe in cash			12	17	24	33	EV / EBITOA	29.3x	25.1x	21.1x	17.3x	13.8x	10.8x						
rered free cash flow		14	18	23	30	40	PIE	521x	166x	86x	52x	34x	22×						
Mance Sheet		100	- 17.	**	- 1	1													
on hand	100	108	120	137	161	194													