

- Balance Sheet Basics
- Kimball Basics – 3 types of fact tables
- Raw Data
- Data Modelling
- DAX
- Data Visualisation

Statement of Financial Position Basics

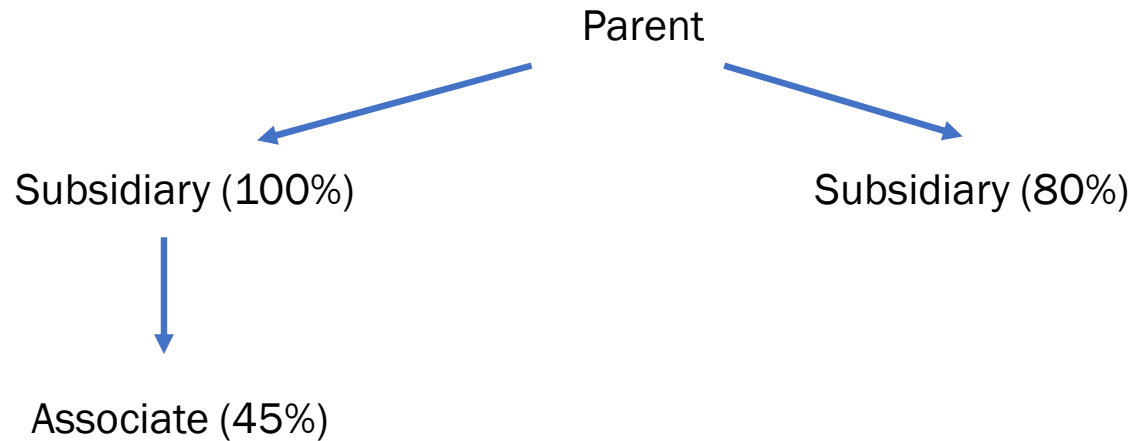
- Snapshot
- Assets
- Liabilities
- Equity

Statement of Financial Position Basics

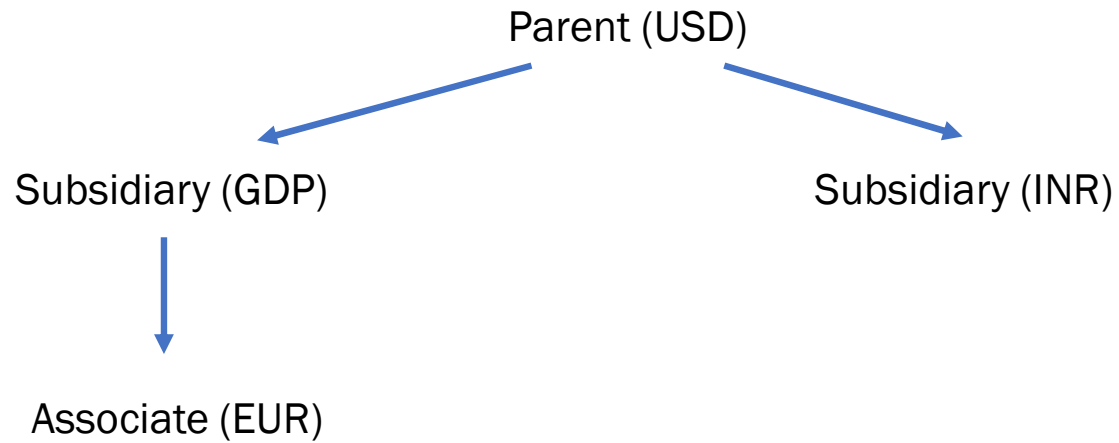
- Snapshot
- Assets
- Liabilities
- Equity

$$\text{Assets} = \text{Liabilities} + \text{Equity}$$

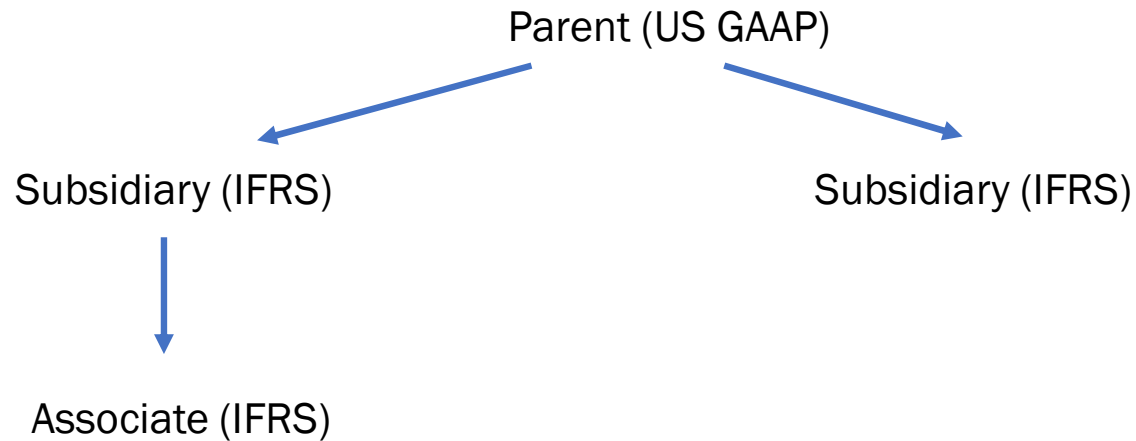
Multiple Balance Sheets



Multiple Currencies



Multiple Accounting Standards



IFRS Revenue <> US GAAP Revenue

Today

1 Company

1 Currency

1 Accounting Standard

Today

- 1 Company
- 1 Currency
- 1 Accounting Standard

BUT IT'S A SCALABLE SOLUTION

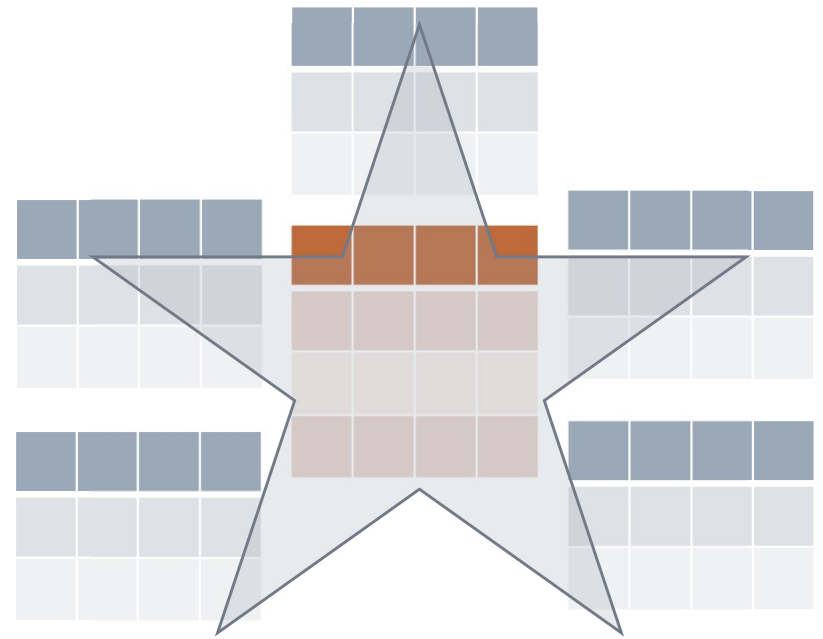
Kimball Basics

Fact Table

- Observations or events
- Sales Orders, Stock Prices, Incidents on a road, Crimes Committed

Dimension Tables

- Describe the observations or events
- Customers, Companies, Date, Police constituency



3 Types of Fact

Transaction

Date	Value
Jan 2021	5
Feb 2021	7
Mar 2021	3

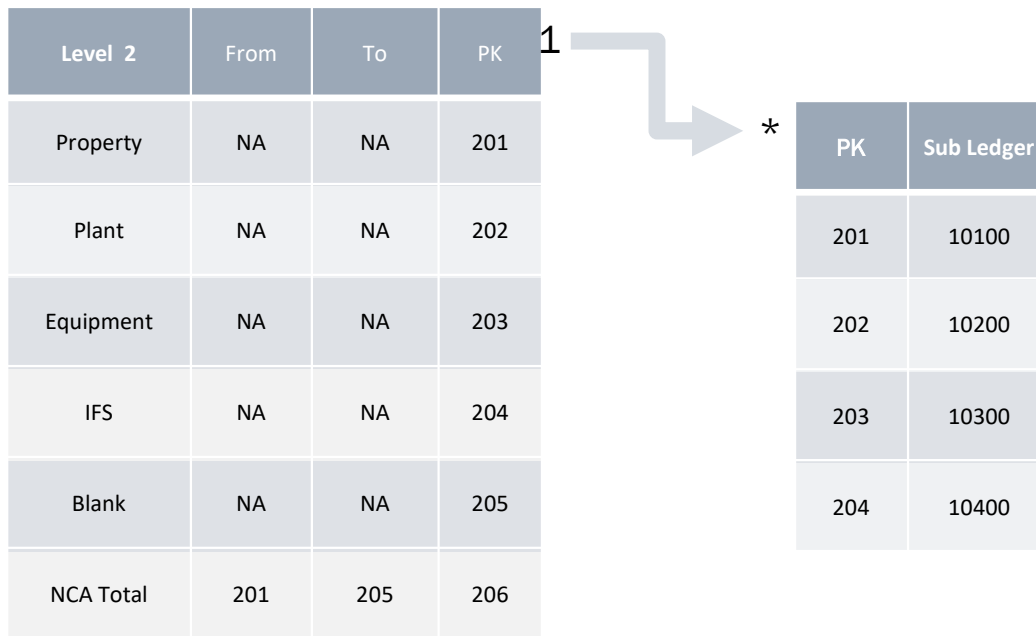
Periodic Snapshot

Date	Value
Jan 2021	109
Feb 2021	116
Mar 2021	119

Accumulating Snapshot

Date	Value
Jan 2021	109
Feb 2021	7
Mar 2021	3

Level 2	From	To	PK
Property	NA	NA	201
Plant	NA	NA	202
Equipment	NA	NA	203
IFS	NA	NA	204
Blank	NA	NA	205
NCA Total	201	205	206



Level 2	From	To	PK
Property	NA	NA	201
Plant	NA	NA	202
Equipment	NA	NA	203
IFS	NA	NA	204
Blank	NA	NA	205
NCA Total	201	205	206

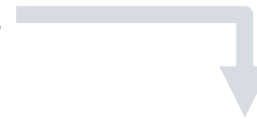
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PK	Sub Ledger
201	10100
202	10200
203	10300
204	10400

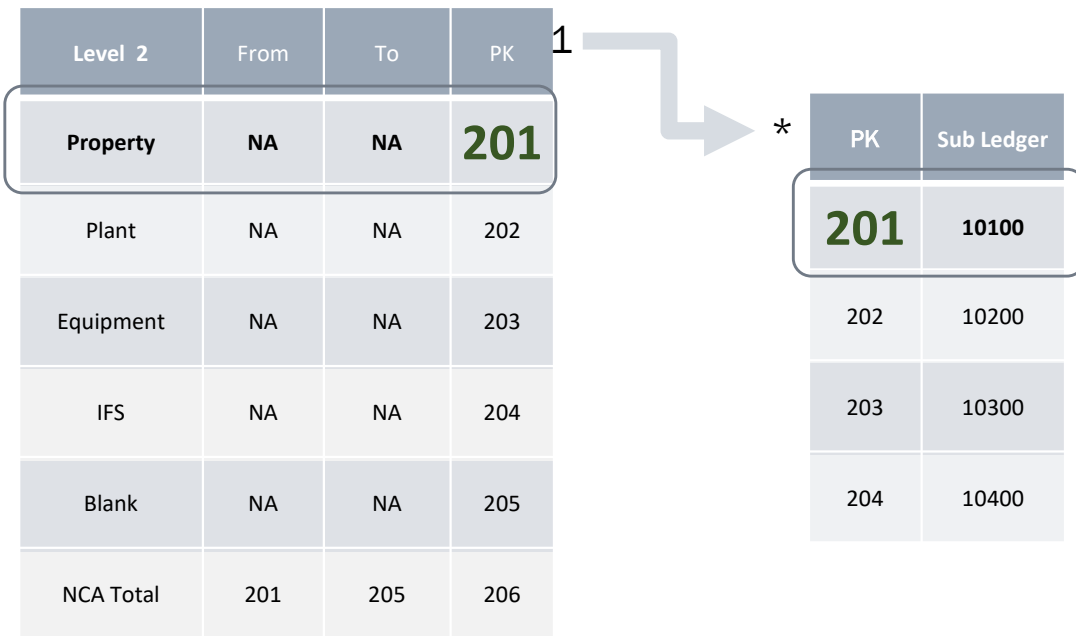
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Sub Ledger	Value
10100	10
10100	15
10100	5
10200	10
10300	5
10300	15
10400	10

Level 2	From	To	PK
Property	NA	NA	201
Plant	NA	NA	202
Equipment	NA	NA	203
IFS	NA	NA	204
Blank	NA	NA	205
NCA Total	201	205	206



Level 2	From	To	PK
Property	NA	NA	201
Plant	NA	NA	202
Equipment	NA	NA	203
IFS	NA	NA	204
Blank	NA	NA	205
NCA Total	201	205	206

1

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PK	Sub Ledger
201	10100
202	10200
203	10300
204	10400

1

*

Sub Ledger	Value
10100	10
10100	15
10100	5
10200	10
10300	5
10300	15
10400	10

Level 2	From	To	PK
Property	NA	NA	201
Plant	NA	NA	202
Equipment	NA	NA	203
IFS	NA	NA	204
Blank	NA	NA	205
NCA Total	201	205	206

1

*

PK	Sub Ledger
201	10100
202	10200
203	10300
204	10400

1

*

Sub Ledger	Value
10100	10
10100	15
10100	5
10200	10
10300	5
10300	15
10400	10

30

Level 2	From	To	PK
Property	NA	NA	201
Plant	NA	NA	202
Equipment	NA	NA	203
IFS	NA	NA	204
Blank	NA	NA	205
NCA Total	201	205	206

1

*

PK	Sub Ledger
201	10100
202	10200
203	10300
204	10400
207	10700

1

*

Sub Ledger	Value
10100	10
10100	15
10100	5
10200	10
10300	5
10300	15
10400	10

Level 2	From	To	PK
Property	NA	NA	201
Plant	NA	NA	202
Equipment	NA	NA	203
IFS	NA	NA	204
Blank	NA	NA	205
NCA Total	201	205	206

1

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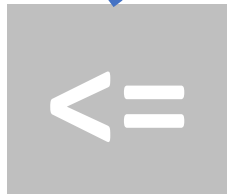
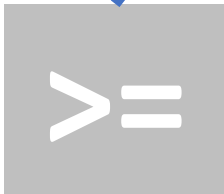
PK	Sub Ledger
201	10100
202	10200
203	10300
204	10400
207	10700

1

*

Sub Ledger	Value
10100	10
10100	15
10100	5
10200	10
10300	5
10300	15
10400	10
10700	5

Level 2	From	To	PK
Property	NA	NA	201
Plant	NA	NA	202
Equipment	NA	NA	203
IFS	NA	NA	204
Blank	NA	NA	205
NCA Total	201	205	206



PK	Sub Ledger
201	10100
202	10200
203	10300
204	10400
207	10700

Sub Ledger	Value
10100	10
10100	15
10100	5
10200	10
10300	5
10300	15
10400	10
10700	5

70

Level 2	From	To	PK
Property	NA	NA	201
Plant	NA	NA	202
Equipment	NA	NA	203
IFS	NA	NA	204
Blank	NA	NA	205
NCA Total	201	205	206

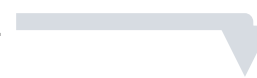
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PK	Sub Ledger
201	10100
202	10200
203	10300
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207	10700

1



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Sub Ledger	Value
10100	10
10100	15
10100	5
10200	10
10300	5
10300	15
10400	10
10700	5