



Dynamic Measures

in Power BI



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#pbig2022



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Gold partners



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Silver partners



Community partners





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- Architect, Consultant, Trainer og Speaker



Business Intelligence Architect

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Forsvaret



Agenda

- **Introduction**
- **Use-cases**
- **What-if parameters**
- **Dynamic measures**
 - Use-cases
 - Principles
 - Modelling recommendations
- **Roundup**
- **Q&A**



Use-cases

- Get rid of endless bookmarks
- Calculation choices
 - Currencies
 - With or without taxes
- Metric choices




What if parameters

- What-if parameters

Demo



Dynamic Measures

- What-if parameters
- Disconnected tables
- Enter data (manually) 
- SWITCH

```
Dynamic Measure Switchboard =  
SWITCH (  
    SELECTEDVALUE([SelectionTable]),  
    "Option 1", [Measure Option 1],  
    "Option 2", [Measure Option 2],  
    "Option 3", [Measure Option 3]  
)
```

```
Dynamic Measure Calculation =  
SWITCH (  
    SELECTEDVALUE([SelectTable]),  
    "USD", SUM ( FactTable[AmountUSD] ),  
    "EUR", SUM ( FactTable[AmountEUR] ),  
    "DKK", SUM ( FactTable[AmountDKK] )  
)
```



Dynamic Measures

- Caution!
 - DOES NOT WORK WITH CALC. COLUMNS!

```
Dynamic Measure Calculation =  
SWITCH (  
    SELECTEDVALUE([SelectTable]),  
    "USD", SUMX ( FactTable[Amount] * FactTable[ExchangeRateUSD] ),  
    "EUR", SUMX ( FactTable[Amount] * FactTable[ExchangeRateEUR] ),  
    "DKK", SUMX ( FactTable[Amount] * FactTable[ExchangeRateDKK] )  
)
```



Dynamic Measures

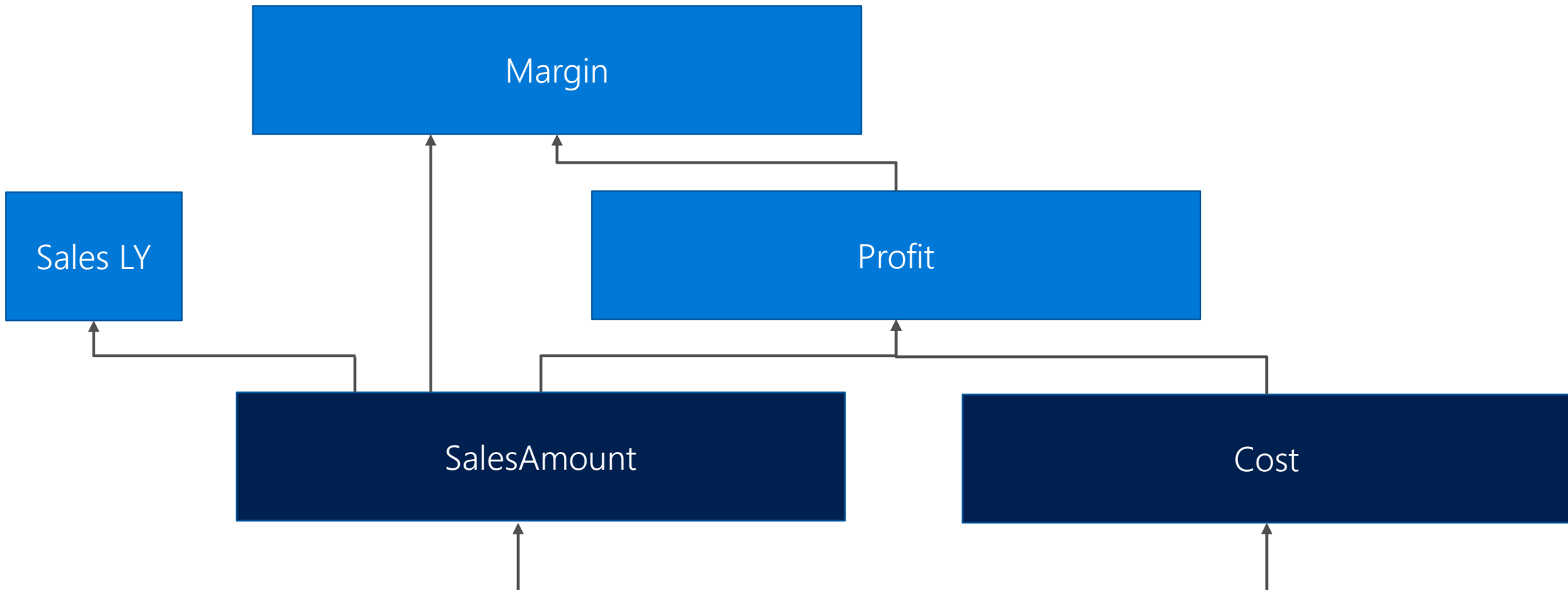
- What-if parameters
- Disconnected tables
- Enter data (manually)
- SWITCH

Demo



Modelling recommendations

- Implement dynamic measures at the lowest aggregated level



Questions





Bedankt!
Thank you!

Vul alsjeblieft
de evaluatie in



Please fill in
the evaluation

