**Board implementation development**

1. **Current Report cube on Board**



**The current cubes don’t have distinguish between Pre-Calculation value and Post-calculation value.**

**E.g.:**

**Order Intake Value cube gets all value OrderValue (pre-cal) value for all orders**

**Order Intake DB2 cube gets all value OrderValue\_DB2 (pre-cal) value for all orders**

**Order Complete Value cube gets value of ordercomplete\_ value but no distinction Pre or Post ,depends on condition**

**Order Complete DB2 cube gets value of ordercomplete\_ value but no distinction Pre or Post ,depends on condition**

**The same issue with other cubes**

1. **Solution**

**So we implement two group reporting and name PreCal-Reporting and PostCal-Reporting**

**For per group contains 18 cubes and the name will suffix (Pre) or (Post) for each cube’s name like original cube below**



All cubes will get data from Data Warehouse by data reader on Board Application

At DWH layer : some tables will be changed structure. Detail,

**FAKT\_Ordercomplete** will add 5 columns ( Precal\_Value,Precal\_currency, PostCal\_value, PostCal\_value\_currency, calculation\_status)

**FAKT\_Ordercomplete\_DB2** will add 5 columns ( Precal\_Value\_DB2,Precal\_ Value\_DB3, Postcal\_Value\_DB2,Postcal\_ Value\_DB3, calculation\_status)

**FAKT\_OrderIntake** will add 11 columns

(Precal\_IntakeValue, Precal\_IntakeValue\_currency, Postcal\_IntakeValue, Postcal\_IntakeValue\_currency,

Precal\_IntakeDB2, Precal\_IntakeDB2\_currency, Postcal\_IntakeDB2, Postcal\_IntakeDB2\_currency,

Precal\_IntakeDB3, Postcal\_IntakeDB3,calculation status)

**vFAKT\_OrderBacklog\_Actual** will add 11 columns

(Precal\_IntakeValue, Precal\_IntakeValue\_currency, Postcal\_IntakeValue, Postcal\_IntakeValue\_currency,

Precal\_IntakeDB2, Precal\_IntakeDB2\_currency, Postcal\_IntakeDB2, Postcal\_IntakeDB2\_currency,

Precal\_IntakeDB3, Postcal\_IntakeDB3,calculation\_status)

**vFAKT\_OrderBacklog\_StockValue** will add 11 columns

(Precal\_IntakeValue, Precal\_IntakeValue\_currency, Postcal\_IntakeValue, Postcal\_IntakeValue\_currency,

Precal\_IntakeDB2, Precal\_IntakeDB2\_currency, Postcal\_IntakeDB2, Postcal\_IntakeDB2\_currency,

Precal\_IntakeDB3, Postcal\_IntakeDB3,calculation status)

**We determine that when [calculation\_status] equal 1, is Post-Calculation value else equal 0 , is Pre-Calculation. We will load data wil have value of [calculation\_status] equal 1 for group cubes (Post) and value of [calculation\_status] equal 0 for (Pre)**