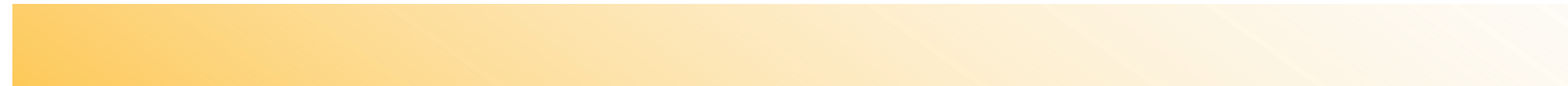


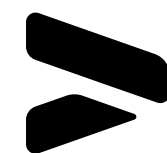


Power BI

# Module 3



**Calculated Fields using DAX**

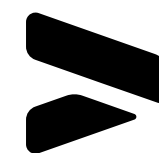




# Topics



- DAX 101
- Columns and measures
- Row & filter Context
- DAX Syntax
- Common Functions
- CALCULATE
- Iterators
- Time Intelligence

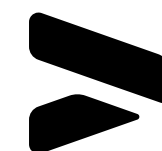




# DAX Intro



- **Data Analysis Expressions(DAX)** is a library of **functions** and **operators** that can be combined to build formulas and expressions in Power BI, Analysis Services, and Power Pivot in Excel data models.
- With DAX, you can:
  - Go beyond the capabilities of traditional spreadsheet formulas, with powerful and flexible functions built specifically to work with relational data models
  - Add **calculated columns** (for filtering) and **measures** (for aggregation) to enhance data models





# Two Ways

- Calculated Columns







- Measure

Total Quantity = SUM(Sales\_orders[Quantity] )

