Write DAX formulas for Power BI Desktop models

Reference:

Introduction

- By using Data Analysis Expressions (DAX), you can add three types of calculations to your semantic model:

- Calculated tables

- Calculated columns

- Measures

Write DAX formulas
Calculated tables

- Click on Table view tab/table tools / Click on New table the blow DAX will create new table. When you reference a table in a formula, officially, the table name is enclosed within single quotation marks.

- For example, the definition of the **Ship Date** calculated table that duplicates the **Date** table data is:

Ship Date = 'Date'

Calculated columns

- When you reference a column in a formula, the column name must be enclosed within square brackets. For example, the following measure definition refers to the **Sales Amount** column in Sales table. Revenue is a new column name.

Revenue = SUM(Sales[Sales Amount])

Revenue

Measures

- When you reference a measure in a formula, like column name references, the measure name must be enclosed within square brackets. For example, the following measure definition refers to the **Revenue** and **Cost** measures.

Profit = [Revenue] - [Cost]

Can not see the measure in Model view.

Activity

- Create new table, new column and new measure. (You can use one of the Example files in Data analysis using Excel folder)

- What is the difference between new Measure and new column?