

Day 52 - 90 days of Analytics: Columns and Measures

In today's video, we looked at power pivot which included the creation of new columns and the creation of measures.

The following were mentioned

- To add a new column to a table we switch to "**Data view**", then we select the "**New column**" option in the "**Calculation**" toolbox.

- The new column is a function of data found in the table. Example Year = YEAR(Sales[Date])

- The functions used in Power BI are similar to those in Ms Excel

- Data of new column can also be generated through calculations. Example

Profit = Sales[Revenue]-Sales[Cost]

- Calculated columns are computed based on data that have already been loaded into the data model.

Measures are computed at query time. A measure is stored in the model as source code, but it is computed only when it is used in the report. Usually, measures are used in aggregation calculations such as SUM, AVERAGE, MINIMUM VALUE, MAXIMUM VALUE, COUNTS or more advanced level calculations made using **DAX formula**. So, in other words, measures are like formulas that are calculated. Example

Profit2 = SUM(Sales[Revenue]) - SUM(Sales[Cost])

Link to the YouTube Recording: <https://www.youtube.com/watch?v=bKmtMtWMjdo>

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