***Power Bi Document***

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Power Pivot:

Power Pivot is an Excel add-in and a core component of Power BI. It enables users to create and manage data models, perform advanced calculations using DAX, and build interactive reports and dashboards directly within Excel or Power BI Desktop.

Power Query:

Power Query is a data transformation and connectivity tool. It allows users to connect to various data sources, import and shape data using an intuitive interface, and perform data cleansing, merging, and transformation before loading it into the data model.

DAX (Data Analysis Expressions):

DAX is a formula language used in Power BI and Power Pivot for creating custom calculations and expressions. It's optimized for working with relational data and is used to build calculated columns, measures, and complex calculations for data analysis and reporting.

Data Model:

A data model is a structured representation of data within Power BI. It includes tables, columns, relationships, and calculations. Power BI's data model allows you to connect and combine data from different sources, define relationships between tables, and perform advanced analysis using DAX.

Report:

A report in Power BI is a visual representation of data insights and analysis. It's created using visualizations like charts, tables, and graphs that are based on the data model. Reports provide an interactive way to explore and communicate data findings, helping users understand trends, patterns, and key information.

*I have learn about important concepts like measure and calculated columns, pivot and unpivot, practice DAX formulas by creating random insights, model relationships, transforming data when needed, followed YouTube tutorials for DAX and Power Query.*

* Screenshots of the several reports created for practice. Almost all reports make use of the Power Query Editor and DAX formulas where needed.







