

PRACTICAL NO. 9

AIM: Introduction to power BI (ETL / different types of charts/ formatting the charts).

THEORY:

Power BI is a business analytics service by Microsoft that provides interactive visualizations and business intelligence capabilities with an interface simple enough for end users to create their own reports and dashboards.

ETL:

Power BI is built to handle ETL (Extract, Transform, Load) processes, allowing users to connect to a wide variety of data sources, transform and shape the data to fit their needs, and load it into Power BI for analysis. The Power Query Editor is a powerful tool that allows users to perform data transformations, such as splitting columns, removing duplicates, merging data, and more.

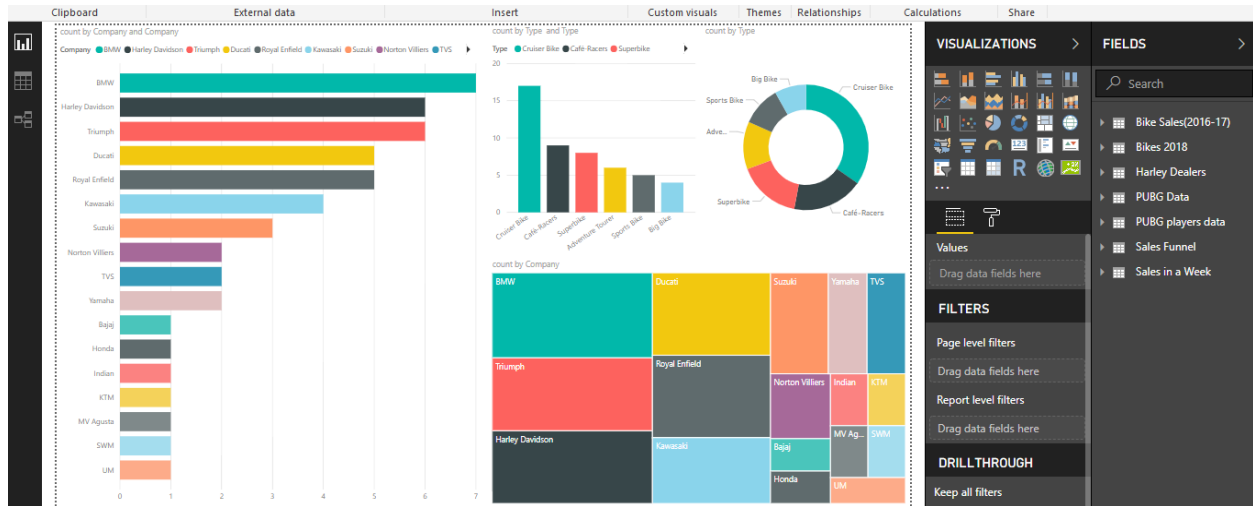
Different types of charts:

Power BI offers a wide variety of charts that can be used to visualize data, including bar charts, column charts, line charts, scatter charts, pie charts, donut charts, and more. Power BI also has specialized charts for geographic data, such as maps, and for time-series data, such as gauges and cards.

Formatting the charts:

Power BI provides a range of formatting options for charts, including changing colors, font sizes, chart titles, data labels, and more. Users can also add custom visuals, such as charts and graphs created by the Power BI community, to enhance their reports and dashboards.

Overall, Power BI is a powerful tool that allows users to perform ETL processes, create a variety of charts, and format them to fit their needs. Its user-friendly interface makes it easy for end users to create their own reports and dashboards, while its advanced capabilities make it a powerful tool for business analytics.



CONCLUSION:

Thus we have successfully executed programs .