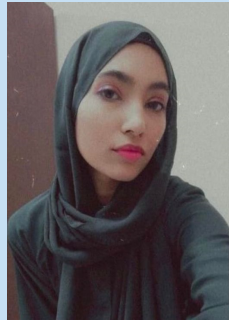# Data Analytics

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How and why is power BI used?:
Microsoft Power BI is used to generate reports and uncover insights from a company's data. Power BI can connect to a variety of data sources and "cleans up" the information it receives so that it may be digested and comprehended more easily. The reports and graphics created from this data may then be shared with other users.
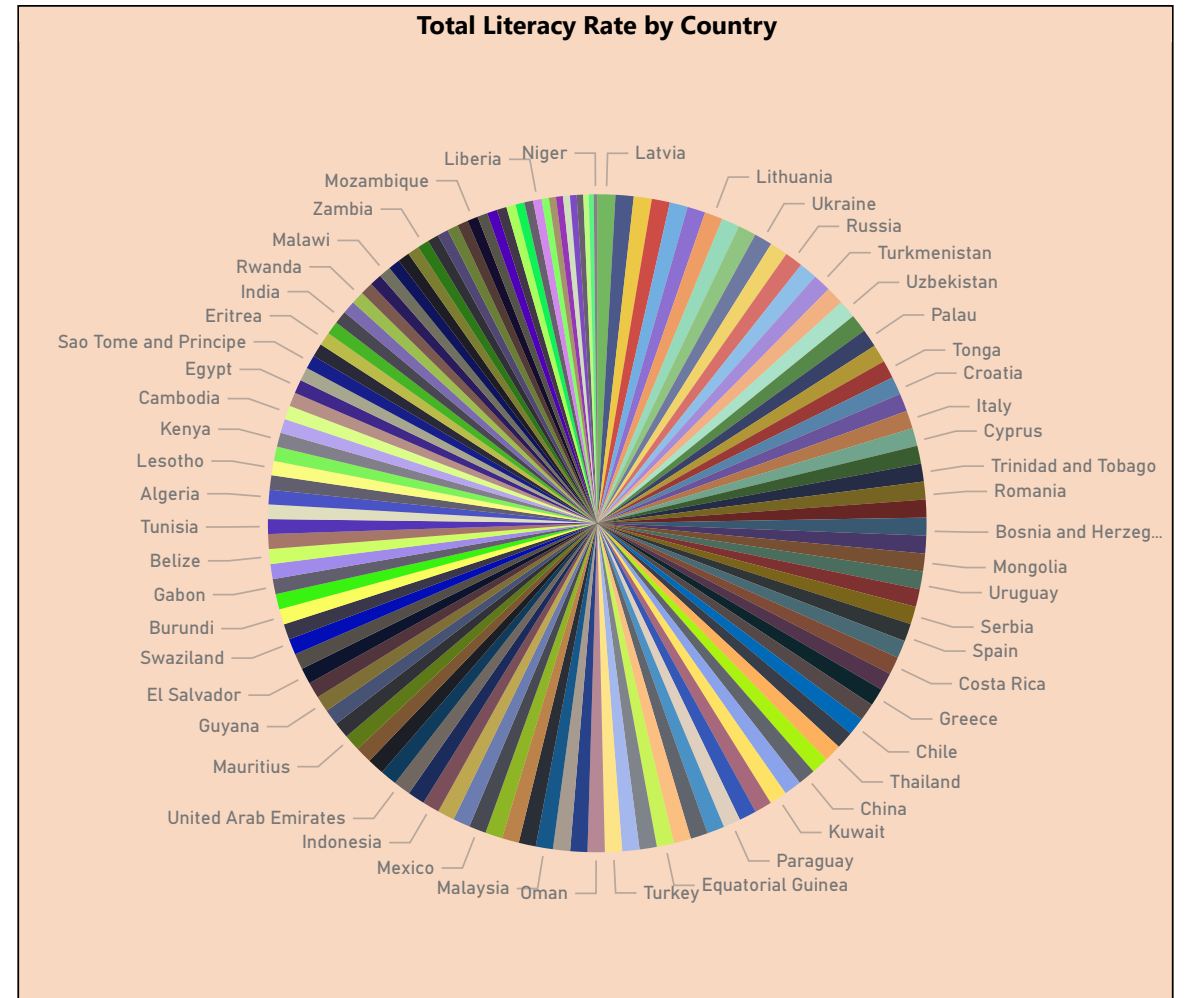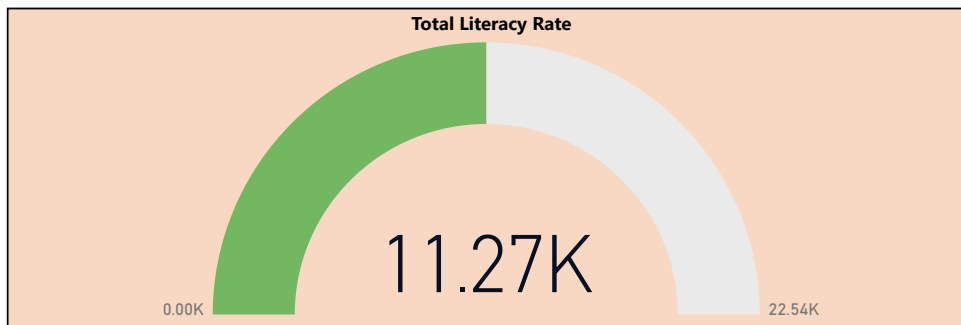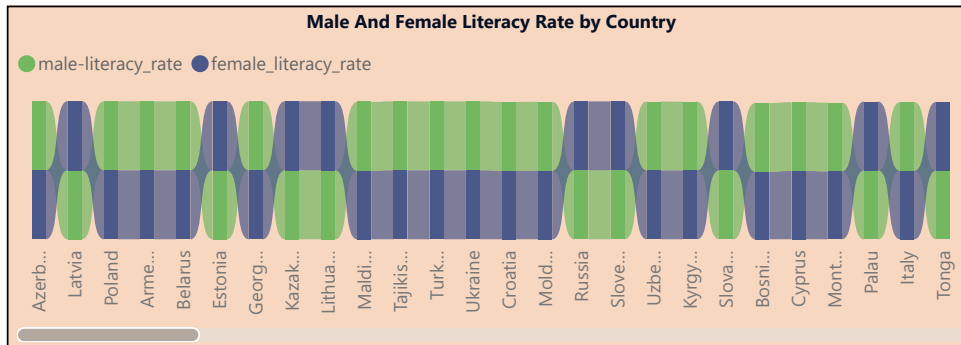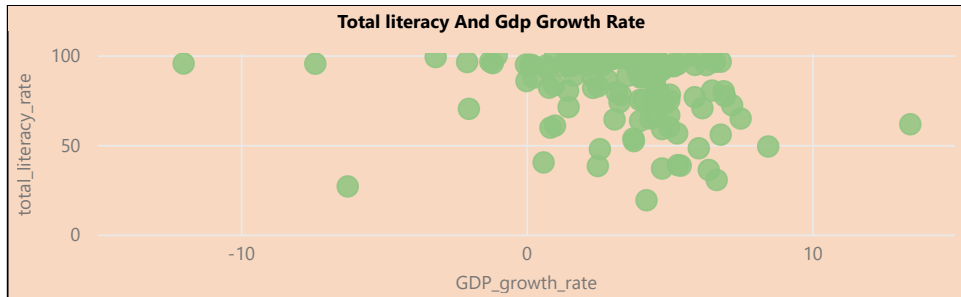
Where is power BI used?:
Microsoft Power BI is used to uncover insights from data inside a company. Power BI can assist in connecting different data sources, transforming and cleaning the data into a data model, and creating charts or graphs to visualize the data

Reflecting:
In Microsoft BI Information can be visualized in several ways, each of which can provide a specific insight. You must know the types of data to have proper visualization and the relationships in your data to be able to present them properly while using Microsoft BI. In conclusion, It is a great free for use tool for the representation of any type of data/information that may need to be displayed or presented to other people.

GDP And Literacy

Analysis

Total literacy rate by country:

The pie chart shows the literacy rate of the population by country. Literacy rate data combines that of women and male literacy and descriptively visualize the data.

Total literacy and GDP growth rate:

The scatter plot shows the relation between total literacy and GDP growth rate. The data has few anomalies for example the country Niger. If the points are extrapolated, it shows the the trend that countries with higher literacy rate have higher GDP growth rate. That shows a directly proportional relations between the two. Concluding, the direct affect of education people on the economical standard of living of a country's population

Male And Female Literacy Rate by country:

The ribbon chart shows the male and female literacy rate and relate the gender literacy discrepancy. The analysis shows that female literacy is lower in underdeveloped country specifically which hints the issue that the societies, though evolving, are still under evolved with social development. And as shown before, the whole of population's literacy rate contributes to the improved GDP, thus, proves the significance of dealing with aforementioned problem.

Total literacy rate:

The gauge shows the total literacy rate globally out of total population. It provides with the insight of opportunity by showing the recent marker, and the potential that can be achieved; to improve living standards of the general population.