PowerBI Assignment_1 iNeuron

1. What do you mean by BI? Explain.

Ans: Business intelligence (BI) is a technology-driven process for analyzing data and delivering actionable information that helps executives, managers and workers make informed business decisions. As part of the BI process, organizations collect data from internal IT systems and external sources, prepare it for analysis, run queries against the data and create data visualizations, BI dashboards and reports to make the analytics results available to business users for operational decision-making and strategic planning.

2.   How Power-BI helps in BI, and how does it help Analysts? Explain.

Ans: Microsoft Power BI is used to find insights within an organization's data. Power BI can help connect disparate data sets, transform and clean the data into a data model and create charts or graphs to provide visuals of the data. All of this can be shared with other Power BI users within the organization.

3. Explain Descriptive analytics?

Ans: Descriptive Analytics is the examination of data or content, usually manually performed, to answer the question "**What happened?" (or What is happening?),** characterized by traditional business intelligence (BI) and visualizations such as pie charts, bar charts, line graphs, tables, or generated narratives.

4. Explain Predictive analytics?

Ans: Predictive analytics is the use of data to predict future trends and events. It uses historical data to forecast potential scenarios that can help drive strategic decisions.

5. Explain perspective analytics?

Ans: Prescriptive analytics is the process of using data to determine an optimal course of action. By considering all relevant factors, this type of analysis yields recommendations for next steps. Because of this, prescriptive analytics is a valuable tool for data-driven decision-making

6. Write five real-life questions that PowerBi can solve.

Ans:

- Waiting On Figures. ...
- Using Data From Old Reports. ...
- Excessive Time Spent Preparing For Presentations. ...
- Being Unable To Find Specific Data Sets. ...
- Not Being Able To Determine Your Level Of Success.