Power BI Assignment 1

1. What do you mean by BI? Explain.

   Ans :- Full form of BI is Business intelligence. It used in data analytics and business analytics to helps users to draw conclusions and make strategic decisions with tools which used for aggregating, analysing, visualising and sharing data.

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

   Ans :- Power-Bi helps to connect disparate data sets, transform and clean the data into a data model from that Analysts can create charts, graphs, and may more visualisation to provide visuals of data. It helps to see clear and easy picture through the visualisations and filters.

3. Explain Descriptive analytics?

   Ans :- Descriptive analytics basically uses previous data (historic data) to make comparisons. it helps to find out trends and relationships with past dataset. It gives idea about what happened in the past. On this information we can make some assumptions and make decisions.

4. Explain Predictive analytics?

   Ans:- Predictive analytics encompasses a variety of statistical techniques from data mining, predictive modeling, and machine learning that analyze current and historical facts to make predictions about future outcomes using historical data combined with statistical modeling, data mining techniques and machine learning.

5. Explain perspective analytics?

Ans:- Prescriptive analytics is a valuable tool for data-driven and decision-making. Prescriptive analytics uses advanced processes and tools to analyze data and content to recommend the optimal course of action or strategy moving forward. It seeks to answer the question like, "What should we do next?".

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

Ans:- 1. what will be the highest and lowest sales in an year.
2. in which state or country or city the sales is high or low.
3. who are the top 5 customers or employee in particular year.
4. top 3 month with highest sales in selected products.
5. world wide spread of the sales with heat map.