**Power BI Assignment 1**

What do you mean by BI? Explain.

Answer: Microsoft Power BI is a business intelligence (BI) platform that provides nontechnical business users with tools for aggregating, analysing, visualizing and sharing data.

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

Answer: 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. It makes analysis easy for many analysts around the world.

Explain Descriptive analytics?

Answer: Descriptive analytics is the process of using current and historical data to identify trends and relationships. It’s sometimes called the simplest form of data analysis because it describes trends and relationships but doesn’t dig deeper.

Explain Predictive analytics?

Answer: 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.

Explain perspective analytics?

Answer: 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.

Write five real-life questions that Power BI can solve.

Answer: 1. Sales Trends

2. Product Demand analysis

3. Employee Retention analysis

4. Employee performance analysis

5. Quartile performance analysis