1. **What do you mean by BI? Explain**.

Business Intelligence (BI) refers to the strategies, technologies, and tools used by organizations to collect, process, and analyze data in order to make informed business decisions. BI encompasses a wide range of processes and methodologies that help transform raw data into meaningful insights, enabling businesses to make data-driven decisions.

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

**Power BI** is a powerful business analytics tool developed by Microsoft that enables organizations to visualize and share insights from their data. It is widely used in Business Intelligence (BI) to transform raw data into interactive and actionable insights through visualizations and reports.

1. **Explain Descriptive analytics**

Descriptive analytics is a type of data analysis focused on summarizing and interpreting historical data to identify patterns, trends, and insights. It provides a clear view of what has happened in the past by transforming raw data into meaningful information that can be easily understood and communicated.

1. **Explain Predictive analytics**

Predictive analytics involves using historical data, statistical algorithms, and machine learning techniques to forecast future events, trends, or behaviors. The primary goal of predictive analytics is to identify patterns and relationships in data that can be used to make predictions about future outcomes. It leverages advanced analytics methods to provide actionable insights that help organizations make informed decisions.

1. **Explain perspective analytics**

Prescriptive analytics is a sophisticated form of data analysis that goes beyond descriptive and predictive analytics. While descriptive analytics focuses on summarizing historical data and predictive analytics forecasts future outcomes, prescriptive analytics provides actionable recommendations to achieve desired outcomes. It helps organizations make informed decisions by suggesting the best course of action based on data-driven insights.

1. **Write five real-life questions that PowerBi can solve.**

1. Sales Performance Analysis

2. Customer Behavior Insights

3. Financial Health Monitoring

4. Supply Chain Optimization

5. Employee Performance and HR Analytics