**Power BI Assignment 1**

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

BI stands for Business Intelligence. It refers to a set of technologies, processes, tools, and strategies that organizations use to collect, analyze, and present business data in a way that helps them make informed decisions. The primary goal of BI is to transform raw data into meaningful insights, enabling businesses to improve their decision-making processes, identify opportunities, solve problems, and optimize their operations.

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

Power BI is a popular business intelligence (BI) tool. It plays a significant role in BI by providing a powerful platform for data visualization, analysis, and reporting. Power BI helps in BI as Data Modeling, Data Transforming, Data Visualization, Data Minning, Data Cleaning, EDA Process, etc.

1. **Explain Descriptive analytics?**

Descriptive analytics involves analyzing historical data to summarize, visualize, and understand past events, trends, and patterns without making predictions or prescribing actions.

1. **Explain Predictive analytics?**

Predictive analytics uses historical data and statistical algorithms to forecast future events or outcomes. It helps businesses make informed decisions, anticipate trends, and identify potential risks or opportunities.

1. **Explain perspective analytics?**

Prescriptive analytics is a form of data analytics that uses past performance and trends to determine what needs to be done to achieve future goals.

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

Power BI can help answer a wide range of real-life questions in various industries and domains.

1. Sales Performance Data.
2. Finance Report.
3. Customer Insights.
4. Inventry Management
5. Website Analysis