**Power BI Assignment 1**

1. What do you mean by BI? Explain.

Answer: Business intelligence systems combine data gathering, data storage, and knowledge management with data analysis to evaluate and transform complex data into meaningful, actionable information, which can be used to support more effective strategeic, tactical, and operational insights and decision-making.

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

Answer: Power BI helps in BI while working with data and derive actionable insights from them. Power BI has key features like Data Visualization, visual analytics, dashboards, and such. Power BI automates a lot of things, they end the need for spreadsheet and static presentation tools. Using Power BI tools, businesses can take action using data, and identifying issues, trends are made easy.

1. Explain Descriptive analytics?

Answer: Descriptive analytics is the interpratation of using current and historical data to identify trends and relationships. Descriptive analytics describes the use of a range of historic data to draw comparisons.

1. Explain Predictive analytics?

Answer: Predictive analytics is the use of data, statistical algorithms and machine learning techniques to identify the likelihood of future outcomes based on historical data.

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

Answer: PowerBi can solve following:

1. Get Data
2. Analyze
3. Visualize
4. Publish
5. Collaborate