**Power BI Assignment 1**

1. What do you mean by BI? Explain.

Ans: BI stands for Business Intelligence. It consists of business analytics, data cleaning, data visualization and data tools for better understanding and decision making for an organization.

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

Ans: BI tool helps us make better decisions by cleaning, organizing and transforming data and representing it visually in charts for better understanding. Easy data visualization tools help Data Analysts to work efficiently.

1. Explain Descriptive analytics?

Ans: Descriptive analytics analyze the collected data by KPIs (Key Point Indicators) and get a general idea of range and the direction or trend of data.

1. Explain Predictive analytics?

Ans: Predictive analytics helps to forecast future outcomes with help of statistical models to take future decisions.

1. Explain perspective analytics?

Ans: 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.

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

Ans: 1) Loading data from various sources at one place has become easy.

2) Formatting and editing time are reduced due to readily available functions.

3) Saving report in form of PPT, PDF and other formats has really helped in time efficiency.

4) Sharing reports through online Power Service make the report available for multiple users.

5) Non-Technical background users can also use it.