**Power BI Assignment 1**

1. What do you mean by BI? Explain.

Answer : BI means Business Intelligence tool. Main purpose of a BI tool is to establish a connection with a data source, read and retrieve the data and perform analysis on it to get an insight of it.

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

Answer : Power BI being a Microsoft tool, connection with Microsoft products is hassle free and seamless. It can connect with several data sources like Oracle, Snowflake, Excel, etc. We can manipulate the data and perform analysis and show the analysis in the meaning full way using the 180+ visualizations that comes along with the tool.

1. Explain Descriptive analytics?

Answer : Descriptive analytics is analytics done on historical data to get the pattern or trend. For e.g. Average working hours of an employee using his or her attendance data

1. Explain Predictive analytics?

Answer : Predictive analytics is analytics done on historical or current data to predict the future. For e.g. Weather forecast

1. Explain perspective analytics?

Answer : Perspective analytics is similar to Predictive analytiscs but it provides more detailed look at the potential outcomes. For e.g Google map

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

Answer :   
1> Budget (Home or Retail)

2> Customer purchase history (Physical or E-Commerce)

3> Revenue growth

4> Publishing data on cloud (Seamless connection)

5> Mutilple data connections