**Power BI Assignment 1**

1. What do you mean by BI? Explain.

Ans:- BI(Business Intelligence) refers to set of process and technique to convert raw data into meaningfull information for business action. It has a direct impact on organization’s strategic, tactical and operational business decisions.

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

Ans:- Power-BI is a Microsoft Business intelligence tool which gives plateform to convert raw data into visualized report for insightfull information on real-time. It gives various visualization maps and chart for deep and clear analysis of various data source easily .

1. Explain Descriptive analytics?

Ans:- Descriptive Analytics gives the answer of “What has happened?” through descriptive metrices. It  is the process of using current and historical data to identify trends and relationships. It’s sometimes called the simplest form of data analysis because it describes trends and relationships but doesn’t dig deeper.

1. Explain Predictive analytics?

Ans:- It is an advanced process which makes predictions about future outcomes using historical data combined with statistical modeling, data mining techniques and machine learning.It gives answer of “what could happen in future based on previous trend and pattern?”.

1. Explain perspective analytics?

Ans:- Prescriptive analytics is a process that analyzes data and provides instant recommendations on how to optimize business practices to suit predicted outcomes.It gives answer of “what should a business do?” to achieve predicted target.

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

Ans:- There are many real life question can be solved by Power BI. These are:

* 1. Daily income and expenditure report
* 2. Expenditure on various items with time
* 3. a dynamic visualization report for presentataion to company
* 4. Health report through graph
* 5. Time management for your career preparation.