**Power BI Assignment 1**

1. What do you mean by BI? Explain.

Ans 1 : BI(Business intelligence) means techniques used to draw insight from past business data which would ultimately help in making strategic business decision and solve business problems.

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

Ans 1 : Power-BI is a visualisation tool from Microsoft that helps in creating necessary graphs/charts/tables, etc to generate insights from data.

By looking those visuals, analysts can draw insights from data that can help stakeholders to make necessary decisions related to business and solve business problems.

1. Explain Descriptive analytics?

Ans 2 : Descriptive analytics is the part of business analytics in which we try to understand what happened in the past by analysing the data using Math, Statistics, SQL, BI tools, etc.

1. Explain Predictive analytics?

Ans 3 : Predictive analytics is the part of business analytics in which we try to find patterns amongs the variables with past business data that would ultimately helps in making predictictions about future outcomes using meaningful statistical and machine learning models.

1. Explain perspective analytics?

Ans 4 : Perspective analytics refers to the process of analyzing data from various viewpoints or perspectives to gain deeper insights and make informed decisions.

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

Ans 5 :a. Analysing top 10 stores of a supermarket company with highest total sales using bar/column graph

b. keeping track of % of target completion of any activity using Gauge chart

c. Understanding the growth of company profit over time using line graph

d. Analyzing the success of a promotional campaign using funnel chart

e. Understanding how the initial profit have been affected after implementing series of business decisions using waterfall chart