**Power BI Assignment 1**

1. What do you mean by BI? Explain.

Answer: Business intelligence is refered as the Technologies, Applicatons and practices for the collection, integration, Analysis and visual representation of the data which help in making business decision. It combines business analytics, data mining , data analysis and data visualization. To help organiseation to make better business rules.

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

Power Bi is a powerful tool for BI. It helps in enhancing the visual analytics to empower the organisation to bring all the data together and make best of it. It takes data. We can connect to and visualize any data in Power BI.

It allows analyst to view, analyse and visualize vast quantities of data that cannot be opened in Excel. It takes data from various data source like csv , excel, json

etc. It provides real time insights across the organization.

1. Explain Descriptive analytics?

Itis the process of describing features of a data set by generating summaries about data samples. It helps in producing reports and business metrics that helps companies to track performances and trends. It is especially useful for understanding change overtime. It answers the question “What happened”.

1. Explain Predictive analytics?

This uses statistical and modelling techniques to determine future performance based on current and historical data. It helps to make predictions about furture outcomes. It helps business and organizations improve operational efficiency , risks and better decisions.

1. Explain perspective analytics?

This is a type of analysis which helps us to answer – “What do we need to do to achieve the goal?”. It helps in deriving insights from raw data.

It factors information about possible scenarios, past performances , and suggest course of action and strategy. It helps your business take better decisions on resource allocation

1. How Power-BI helps in BI, and how does it help Analysts? Explain.
2. Write five real-life questions that PowerBi can solve.