**Power BI Assignment 1**

What do you mean by BI? Explain.

Q.1.ans} What is business intelligence? Business intelligence combines business analytics, data mining, data visualization, data tools and infrastructure, and best practices to help organizations make more data-driven decisions.

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

Q.1.ans} Power BI is a BI and data visualization tool that **leverages visual analytics to empower people and organizations in making the most of their data**. The engaging visualizations created in Power BI take the excel workflow to the next level and help stakeholders make sense of the massive amounts of data available.

Explain Descriptive analytics?

Q.2.ans} Descriptive Analytics is the examination of data or content, usually manually performed, to answer the question “What happened?” (or What is happening?), characterized by traditional business intelligence (BI) and visualizations such as pie charts, bar charts, line graphs, tables, or generated narratives.

Explain Predictive analytics?

Q.3.ans} Predictive analytics is **the use of statistics and modeling techniques to determine future performance based on current and historical data**.

Explain perspective analytics?

Q.4.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. Because of this, prescriptive analytics is a valuable tool for data-driven decision-making.

Write five real-life questions that PowerBi can solve.

Q.5.ans}

* Business Intelligence solutions: Access to the data is limited
* Only tech teams can develop custom reports
* Business Intelligence solutions: Day-to-day operations are not organized
* Excessive Time Spent Preparing For Presentations.
* Not Being Able To Determine Your Level Of Success.