**Power BI Assignment 1**

1. What do you mean by BI? Explain.

Ans – BI stands for Business Intelligence, which is a procedural study and combination of collecting data, storing data and analyzing data, representing the result of analysing data graphically, to get or find insights to drive change, eliminate ineffeciencies and to adapt market changes quickly.

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

Ans – Any business or organization needs information(DATA) to achieve the objectives. based on information collected, any business can determine further succesfull planning.

But this insights or data may not be easily understandable if it is presented as it is.

Here comes the role of DATA Analyst, who understands the data, modifies it as per need, and take useful insights from available data and represent it with the help of graphs and visual in POWER BI TOOL, which are easy and quick to understand and gives clear idea about improvement scope to business.

1. Explain Descriptive analytics?

Ans - Descriptive analytics is the analysis of past data which means it is more concerned about what has happened in the past, well it it more useful to understand the past mistakes , to understand the latest trends and patterns in business/market.

1. Explain Predictive analytics?

Ans - Descriptive analytics uses the probabilities to make assessment of what could happen in the future.

It tries to identify future outcomes based on historical data, moreover it tries to show the result of potential actions.

Predictive analysis can be used to solve problem at early stage and to identify opportunities for growth.

1. Explain perspective analytics?

Ans - perspective analytics offers decision support, to choose best option among the avalaible options.

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

Ans-

1. To find the utilization of daily routine time.Analyzing how much time is spent on

a)Study

b)Social sites

c)Sports

d)Friend circle etc.

This analyzation may help in TIME MANAGEMENT in daily routine.

For this PIE CHART can be used. To find out of total 100% of 24 hours, how many hours of time is spend on different Legends.

1. To find the Expenses and saving of salary.

a)Clothes

b)Food

c)Personal belonging

d)Medications

e)Travelling

f)Unnecessary expenses

g)Savings etc.

This analyzation may help in MONEY MANAGEMENT in MONTHLY routine.

For this PIE CHART can be used. To find out of total 100% of monthly salary, how mach amount is spend on different Legends.

1. City/State/Country wise Covid19 cases analysis.
2. Box office collection of different genere movies to understand the choice of today’s audience.
3. Healthcare service – To determine suitable medication/treatment for different age group.