

ASSIGNMENT – 1

1.WHAT IS DIFFERENCE BETWEEN DATA ANALYSIS AND MACHINE LEARNING ?.

Data Analysis-Its is analysis of data i.e get a pattern from data or extract rich information from data.

Machine Learning-It is basically teaching a machine how to respond to a unknown input,but still produce accurate output.It also contains extracting useful information from data.

2.WHAT IS BIG DATA ?.

Big Data is a collection of data that is huge in volume,yet growing exponentially with time.It is a data with so large size and complexity that none of traditional data management tools can store efficiently.And it is also a data but with huge size.

3.WHAT ARE THE FOUR MAIN THINGS WE SHOULD KNOW BEFORE STUDYING DATA ANALYSIS ?.

- 1.SQL
- 2.Microsoft Excell.
- 3.R or Python Statistical Programming.
- 4.Data Visualizations.

4.MOST COMMON CHARACTERISTICS USED IN DESCRIPTIVE STATISTICS ?.

- 1.Measures of Central Tendency
- 2.Measures of Variability.

5.WHAT IS QUANTITATIVE DATA AND QUALITATIVE DATA ?.

Quantitative Data - Information about something that can be sorted into different categories that can't be described directly by numbers.

Qualitative Data – Information about something that is described by Numbers