Data Science – Webinar

5 Days Workshop

**There should be demand in the industry and sustainable also. Not a bubble demand.**

**Demand Trends:**

Data Science is #2 in jobs in 2021 and 2022. Chances to increase by 28%.

**Why:**  Data is increasing day by day. And need professionals to manage it.

While online Either we are using the data created by Others (Google, YT, Insta …). OR create their own data. Everything on Internet creates the data.

It is going to be like electricity. No one would have thought what we are doing today with electricity.

Data Eng: Builds Pipeline from database to Analyst and scientist

Data Administrator: Stores the data

Data Visualisation: Creates the Visually appearing data

ML Algo: Uses ML models to make something productive

Data Scientist: Creates the New ML models

**What is Data Science:**

It’s a domain which deals with a large amount of data. -> Big Data. Using the current tech (like Tableau, BI, Python …). The Need of Techs Depends on the requirements. It also uses ML models and predictive models

Excel and GSheets will crash if we use it for the high amount of data it will crash.

**Data Analysis is Sub Domain of Data Science.**

For data scientist we need a lot of in data field to do the Research on the stuffs. They design a new algo and do other stuff. **This is not for the freshers.**

All the Analyst (Sales and all…) are the same and used the same things.

Big companies have a lot of data. (Browsing history, User feedback, Fraud detection …)

**Complete Data Service:** Data Quality, Insights and DashBoard.

**TASKS**

**#1 Remove Blanks**

We Treat different types of blank data differently.

Blanks can be in Text and Number Columns.

We will Treat will be CDT (Central Data Tendency) . CDT has 3 Components

1. Mean Average
2. Median Mid Value
3. Mode High Frequency

**Solutions:**

Removing all the Rows with blank data

1. Select all the data
2. Open Go To Dialog Box
3. Search Blanks
4. Delete entire rows

**#2 Extract Months from the Data**

To start using the formula of **=Month(Month\_Col)**

**#3 Replacing the Data**

Ctrl + H -> Find and replace option

**At last we have to create a Detailed Report of the work.**