Day 7 – Introduction to Data Science

Step 1: Created a Github public Repo - <https://github.com/syskantechnosoft/MRECW-ALMLDS2025>

Forked that repo and added <your\_name>.txt file with email id associated to github account.

Data Science –

Data Manipulation

Data Analysis

Data Visualization

* Preparing Data
* Exploring Data
* Exporting Data
* Visualizing Data

Using Python libraries

Data – Set of Information

Database – It’s a way of organizely storing the data (In structured format)

DBMS – It’s a software to store the data in a structured format

RDBMS – Relational Database Management System helps to maintain relations between DB entities.

In RDBMS, everything is called as Entities. (Table, Query, Trigger, Procedure, Function, Sequence etc.,)

Data Science –

Any Concept/Tool/Technology

2WH concept – What, Why & How

What is Data Science – an interdisciplinary field that uses scientific methods, processes, algorithms, and systems to extract knowledge and insights from structured and unstructured data

Why Data Science –

How to create a Data Science project with Python –

MT\_\_FSS =What will be \_\_

<https://github.com/veb-101/Data-Science-Projects>

MetaData – It’s nothing but data about data.

<https://github.com/veb-101/Data-Science-Projects>

Download and Install VS Code - <https://code.visualstudio.com/download>

<https://www.geeksforgeeks.org/data-science/active-product-sales-analysis-using-matplotlib-in-python/>