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CLOUD APPLICATION DEVELOPMENT

PROJECT 5:BIG DATA ANALYSIS WITH IBM CLOUD DATABASE

Introduction:

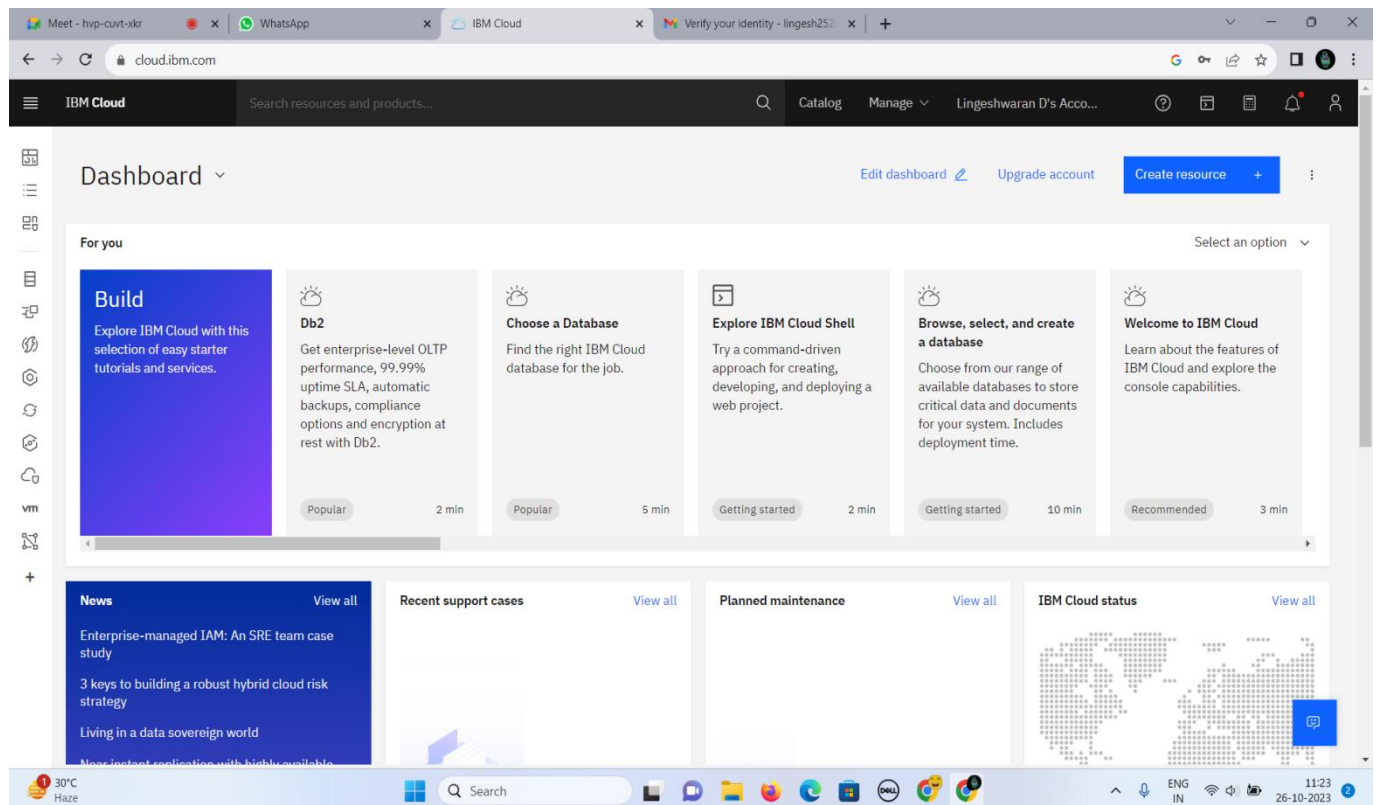In this part we will begin to build our project.

Start building the big data analysis solution using IBM Cloud Databases. Create an IBM Cloud account, choose the appropriate database service (e.g., Db2, MongoDB), and set up a database instance.

Develop queries or scripts to explore and analyze the selected dataset. Perform basic data cleaning and transformation as needed.

Step 1:
*Login our IBM Cloud Account

    *Search Db2

Step 2:

*Create our free Database 2 server

*Select a location

Step 3:

*Select a location london(eu-gb)

*Create our Database 2 server

Figure 1:

Figure 2

Step 4:

*Goto dashboard

*select your Database server 2(Db2-ag)

Figure 1:

Figure 2:

Db2-ag Interface
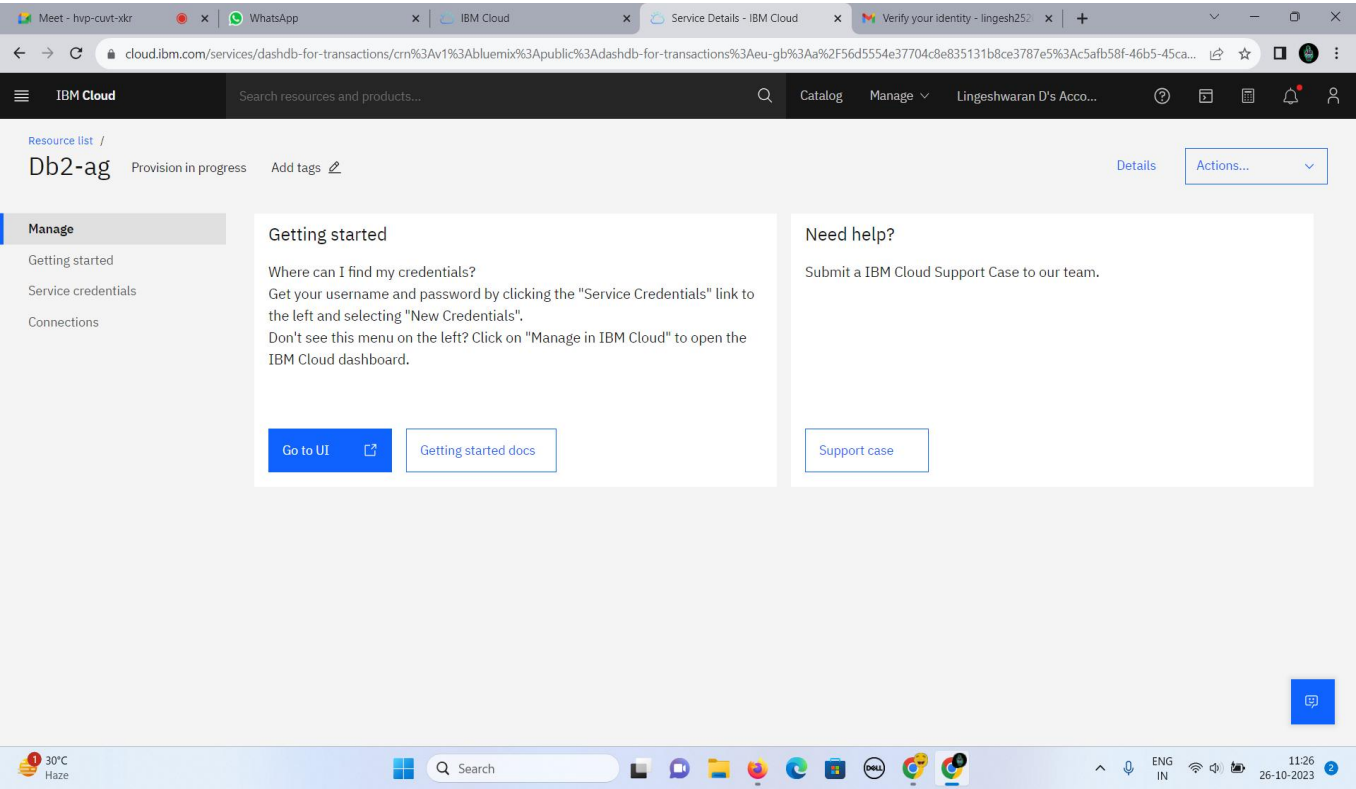
Step 5:

*Create your Server Credential-1

*After create server credential,then it show's our UserID,Password,Host Address

Step 6:

*click "Go To UI" for your data file upload

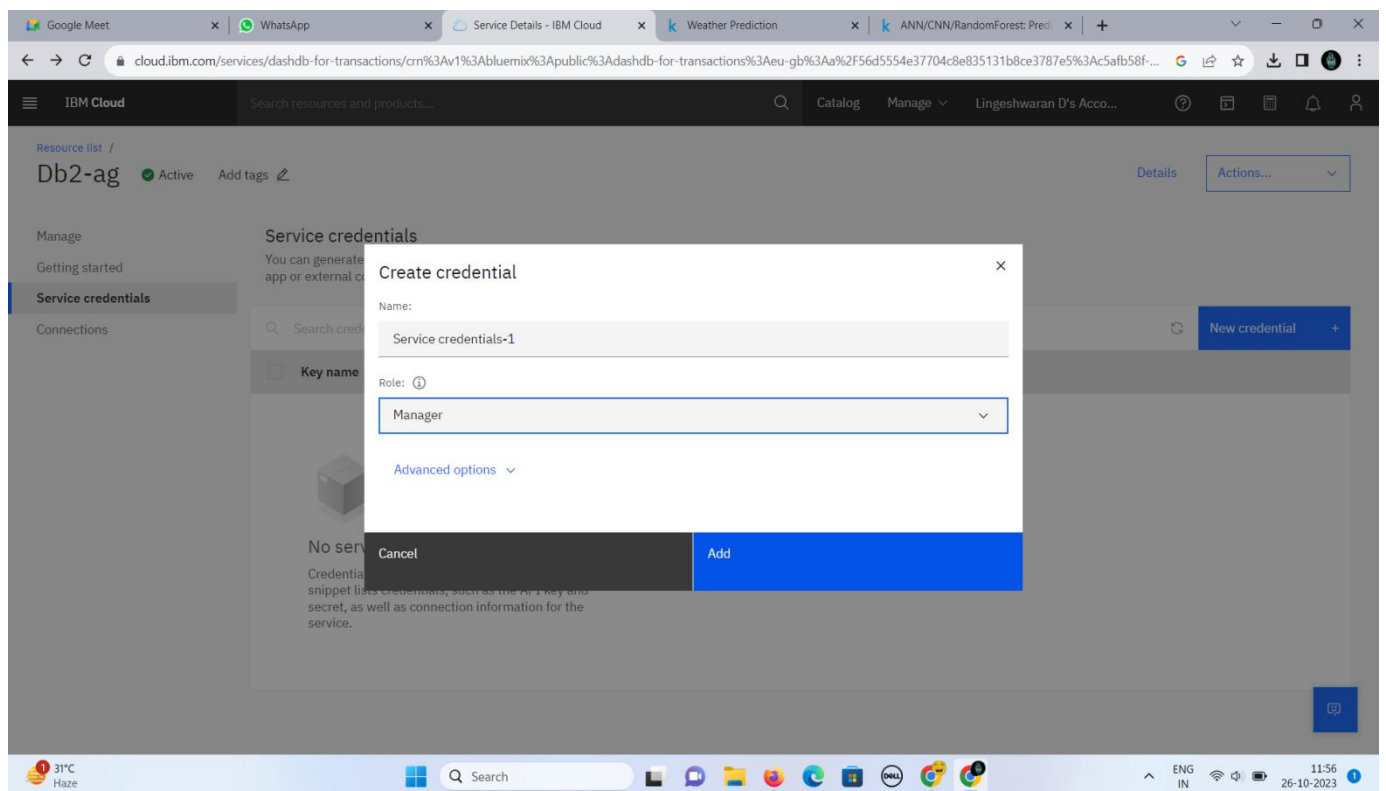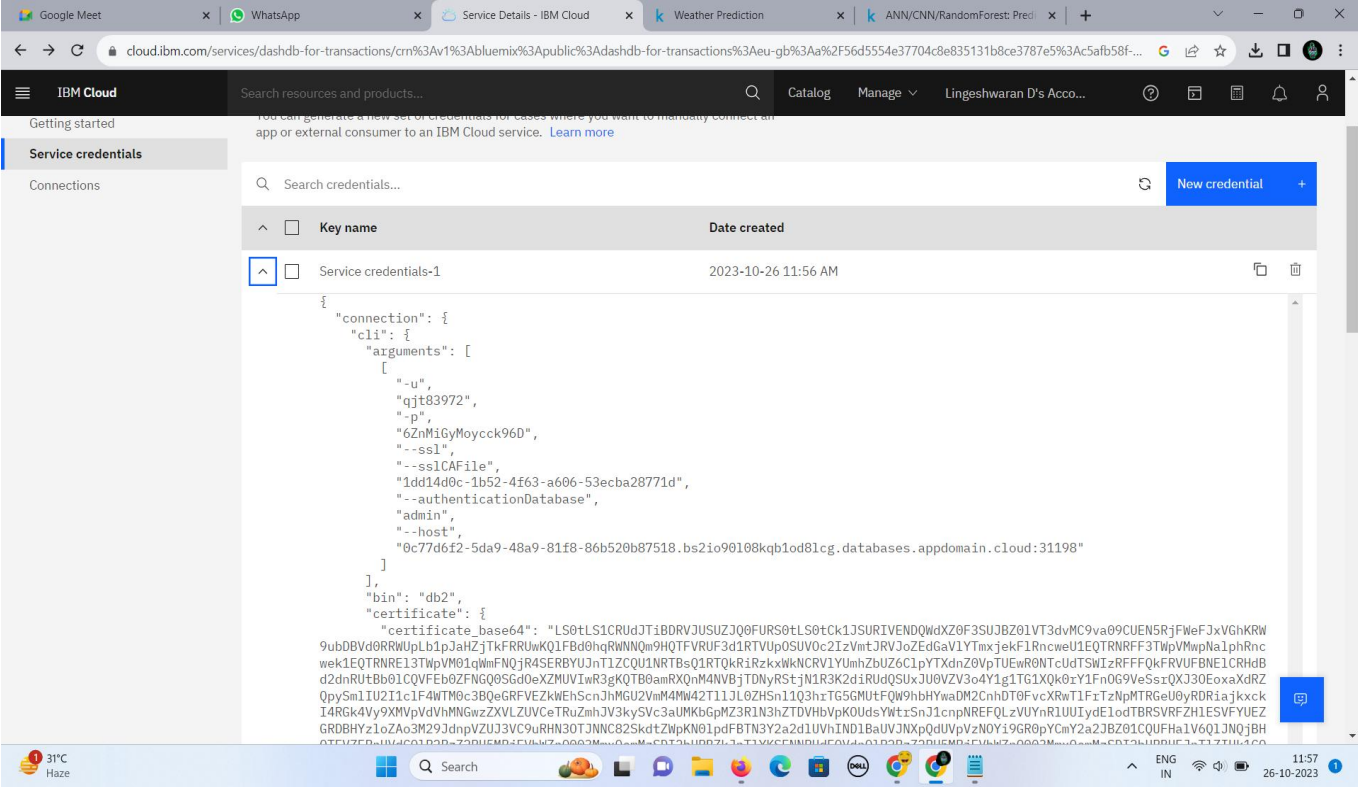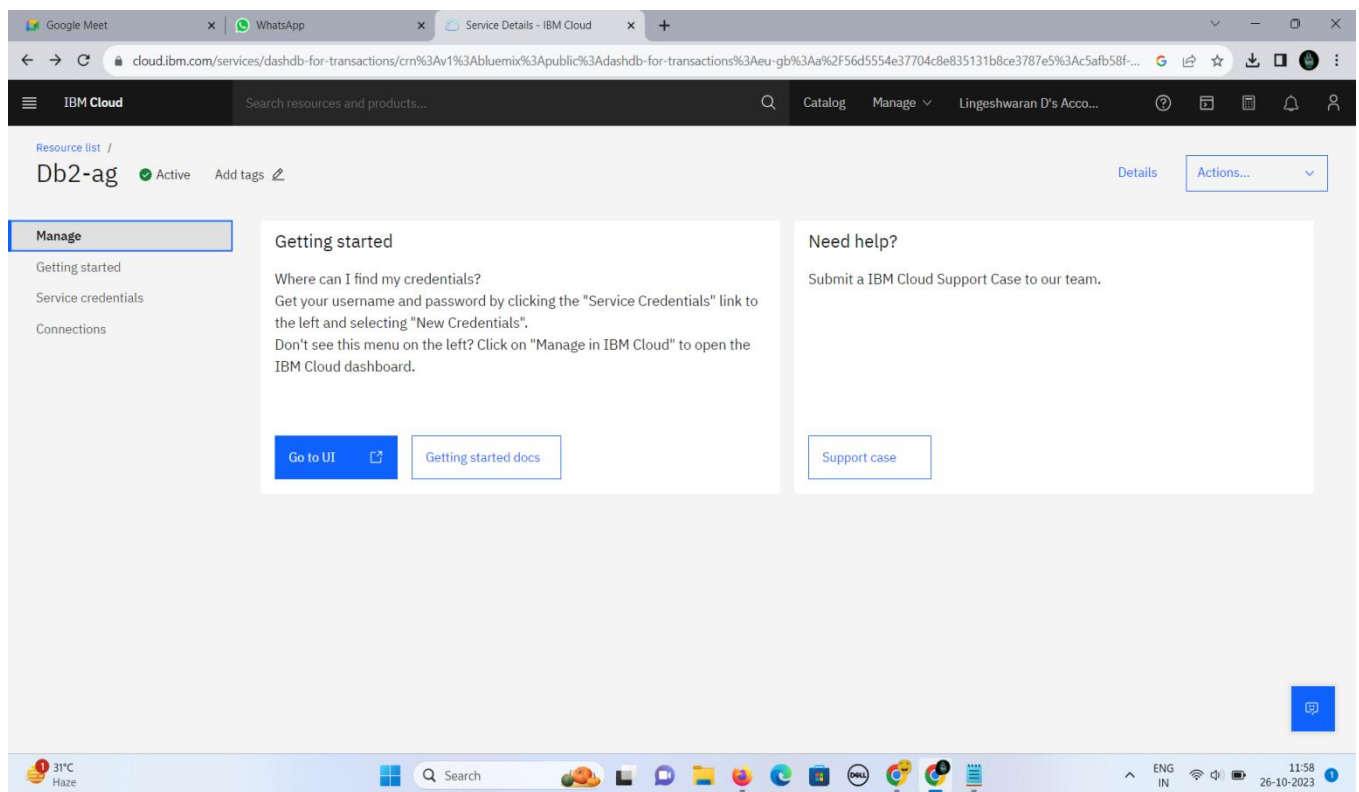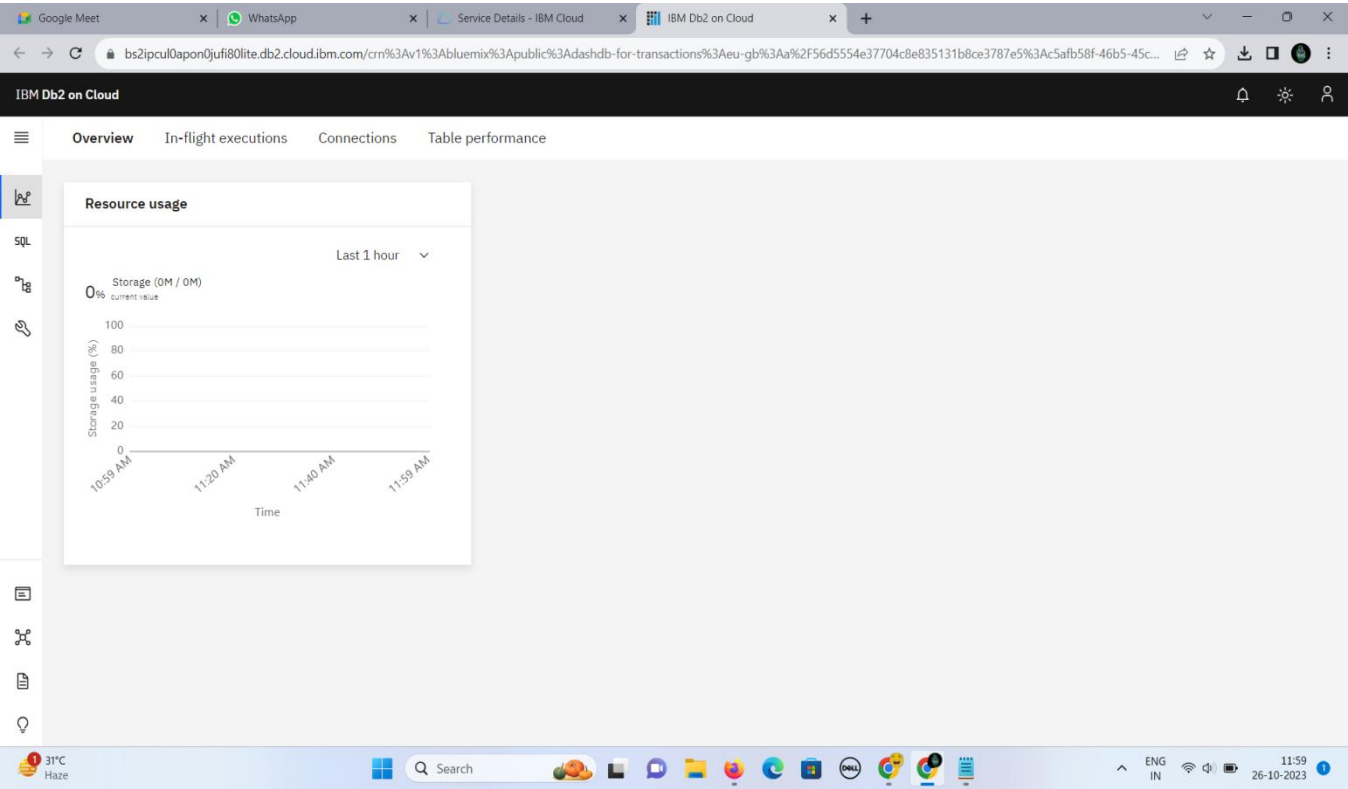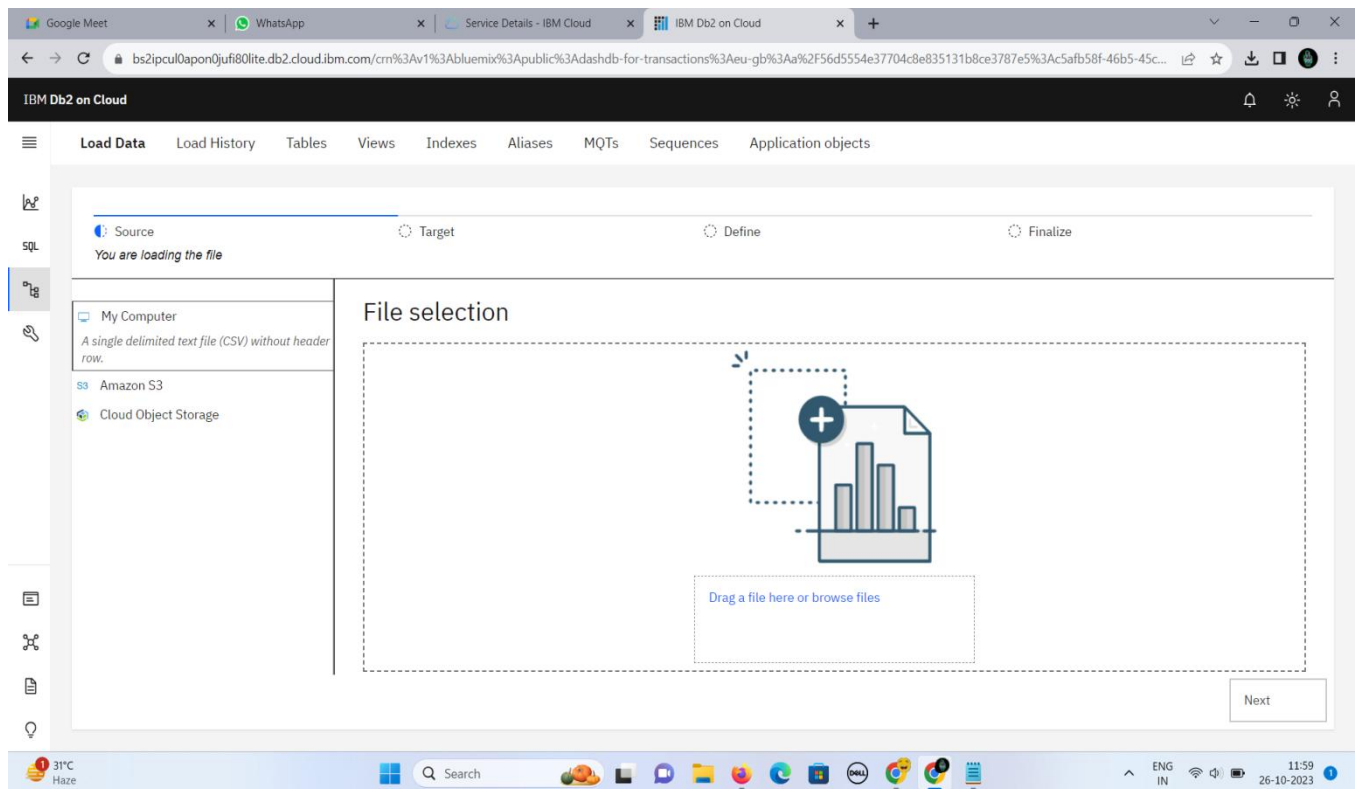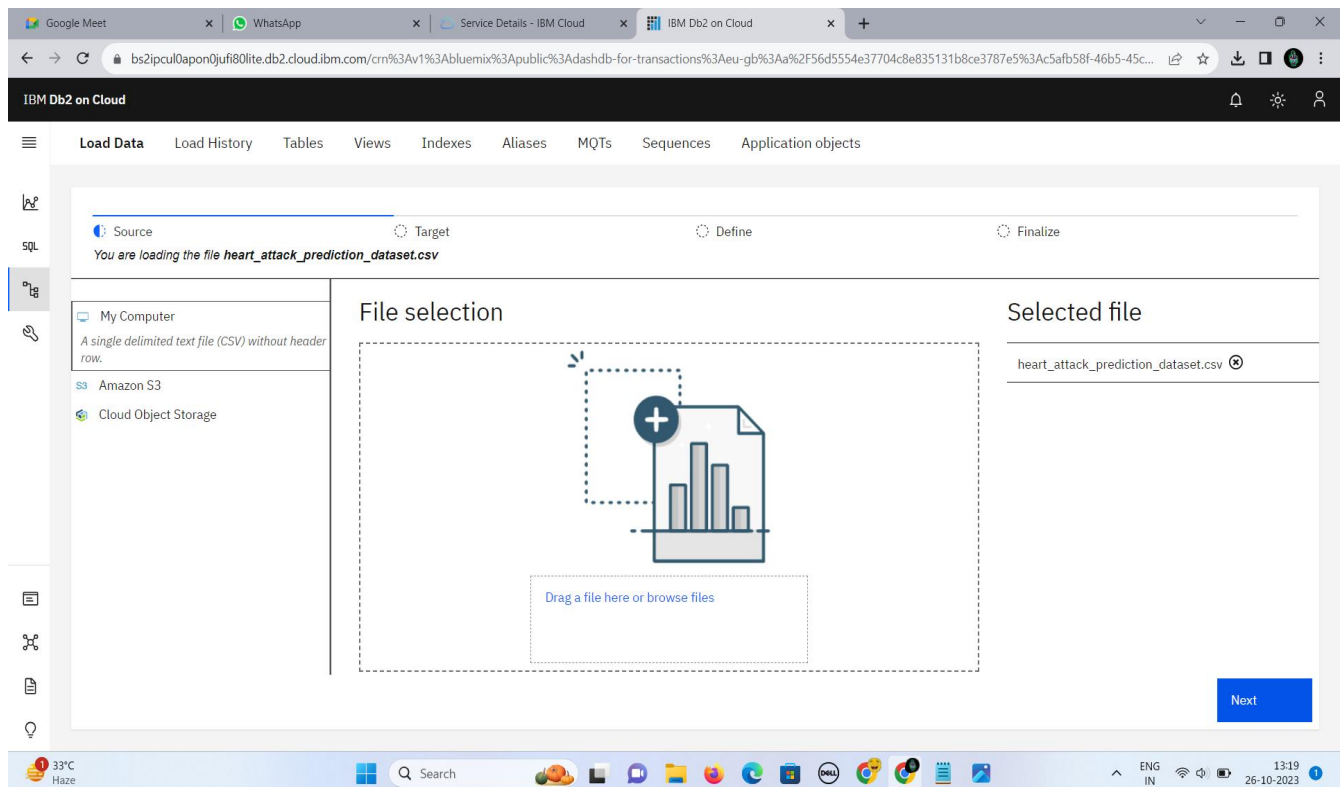*select your Load Data

Step 7:

*uplaod our csv file data from "My Computer"

*upload our csv file ("heart_attack_prediction_dataset.csv")

*The server read your data completely and upload your data on your server and completing your data upload process

Step 8:

*After completely uploading our dataset

*Go To SQL section and execute Data Cleaning and transformation queries

Conclusion:

       In this part we will create a IBM cloud account and start to build the Big Data Analysis using a IBM Cloud database by using a the appropriate database service (e.g., Db2) and set up a database instance.

       Developing queries ,exploring and analyzing the selected dataset. Performed basic data cleaning and transformation as needed.