**Week-7**

**1. Using the Hive Command-Line Interface (CLI)**

1. **Open the Terminal** (SSH into the Cloudera node if you're working remotely).
2. **Start Hive CLI** by simply typing:

Hive

This will launch the Hive command prompt, which looks like hive>.

**Execute Hive Commands**:

* Once you’re in the Hive prompt, you can type any Hive SQL commands. For example

CREATE DATABASE sample\_db;

USE sample\_db;

CREATE TABLE sample\_table (id INT, name STRING);

SHOW TABLES;

SELECT \* FROM sample\_table;

To exit the Hive CLI, type

exit;

Running Hive Commands Directly from the Terminal (Without Entering Hive CLI)

You can also run Hive commands directly from the shell prompt by using the -e or -f option with the hive command.

* **Using the -e Option** (Execute Command):

hive -e "SHOW DATABASES;"

**1. Creating Tables with Different Storage Formats**

* **Creating a Table Stored as ORC File**

CREATE TABLE orc\_table (

id INT,

name STRING,

salary FLOAT

)

STORED AS ORC;

**Creating a Table Stored as Parquet File**:

CREATE TABLE parquet\_table (

id INT,

name STRING,

age INT

)

STORED AS PARQUET;