1. **Docker Hadoop:**  
    git clone https://github.com/KirkYagami/docker\_hadoop.git

`cd docker\_hadoop`

`docker-compose up -d`

1. curl https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBM-BD0225EN-SkillsNetwork/labs/data/data.txt --output data.txt

**HIVE**

- 1. Create a folder C://Hive\_Data

2. Download the below file into the folder Hive\_Data

1. curl https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBM-BD0225EN-SkillsNetwork/data/emp.csv -o emp.csv
2. docker pull apache/hive:4.0.0-alpha-1
3. docker run -d -p 10000:10000 -p 10002:10002 --env SERVICE\_NAME=hiveserver2 -v C:/Hive\_Data:/hive\_custom\_data --name nikshiveserver apache/hive:4.0.0-alpha-1
4. docker exec -it nikshiveserver beeline -u 'jdbc:hive2://localhost:10000/'  
     
   —--  
     
   To start a shell session inside the running container:
5. docker exec -it nikshiveserver /bin/bash  
     
   — Use beeline tool
6. create table Employee(emp\_id string, emp\_name string, salary int) row format delimited fields terminated by ',' ;
7. LOAD DATA INPATH '/hive\_custom\_data/emp.csv' INTO TABLE Employee;
8. CREATE EXTERNAL TABLE ExtEmployee (
9. id INT,
10. name STRING,
11. salary INT
12. )
13. ROW FORMAT DELIMITED
14. FIELDS TERMINATED BY ','
15. STORED AS TEXTFILE
16. LOCATION '/hive\_custom\_data/'
17. TBLPROPERTIES ("skip.header.line.count"="1");