

STATEMENTS TO CREATE EXTERNAL HIVE TABLE FOR PATIENTS VITAL INFORMATION

script to create an external hive table for patients' vital information and view data

1.Run the below command to create hive external table to view patients' data.

```
CREATE EXTERNAL TABLE PatientVitalInfo(
timestamp1 string,
heartBeat string,
bp string,
customerID string)
STORED AS PARQUET
LOCATION 'PatientVitalInfo';
```

```
hive> CREATE EXTERNAL TABLE PatientVitalInfo(
> timestamp1 string,
> heartBeat string,
> bp string,
> customerID string)
> STORED AS PARQUET
> LOCATION 'PatientVitalInfo';
OK
Time taken: 0.035 seconds
hive> select * from PatientVitalInfo
> ;
OK
2023-07-02 10:52:07.231 74      202      1
2023-07-02 10:52:08.232 68      173      2
2023-07-02 10:52:09.234 71      152      3
2023-07-02 10:52:10.235 72      166      4
2023-07-02 10:52:11.236 68      171      5
Time taken: 0.065 seconds, Fetched: 5 row(s)
hive> █
```

```
hadoop@ip-172-31-67-197:~/ihas_project$ spark-submit --packages org.apache.spark:spark-sql-kafka-0-10_2.12:3.2.0 kafka_spark_patient_vitals.py
:: loading settings :: url = jar:file:/usr/lib/spark/jars/ivy-2.5.1.jar!/org/apache/ivy/core/settings/ivysettings.xml
Ivy Default Cache set to: /home/hadoop/.ivy2/cache
The jars for the packages stored in: /home/hadoop/.ivy2/jars
org.apache.spark#spark-sql-kafka-0-10_2.12 added as a dependency
:: resolving dependencies :: org.apache.spark#spark-submit-parent-987f5f40-77bb-435a-8b94-6bc40f1a88c2;1.0
  confs: [default]
  found org.apache.spark#spark-sql-kafka-0-10_2.12:3.2.0 in central
  found org.apache.spark#spark-token-provider-kafka-0-10_2.12:3.2.0 in central
  found org.apache.kafka#kafka-clients;2.8.0 in central
  found org.lz4#lz4-java;1.7.1 in central
  found org.xerial.snappy#snappy-java;1.1.8.4 in central
  found org.slf4j#slf4j-api;1.7.30 in central
  found org.apache.hadoop#hadoop-client-runtime;3.3.1 in central
  found org.spark-project.spark#unused;1.0.0 in central
  found org.apache.hadoop#hadoop-client-api;3.3.1 in central
```