ASSIGHNMENT- 4

**VM-id can be viewed in the menu bar of the bellow fig**.

A screenshot of a computer

AI-generated content may be incorrect.

**VM-id**

A close-up of a computer screen

AI-generated content may be incorrect.

**Bellow picture shows Data Analytics Studio is started**

A screenshot of a computer

AI-generated content may be incorrect.

**Truck and Geolocation files are storing in /tmp/data/ location after creating /data folder in /tmp**

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**Searching for queries executed based on Querry creation time**

A screenshot of a computer

AI-generated content may be incorrect.

Trying to create trucks and geolocation table after trying to upload from HDFS, even though preview can be seen, table is not created

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screen shot of a graph

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

**So, I tried to get data from local desktop and that is working**

A screenshot of a computer

AI-generated content may be incorrect.

**Data From trucks table is listed**

A screenshot of a computer

AI-generated content may be incorrect.

**Data From geolocation table is listed**

A screenshot of a computer

AI-generated content may be incorrect.

**Filtered data from geolocation table is listed based on the filter event=’overspeed’**

A screenshot of a computer

AI-generated content may be incorrect.

**Filtered data from Truck table, where filter is, model=kenworth**

A screenshot of a computer

AI-generated content may be incorrect.

**Joining tables trucks and geolocation after limiting rows to 300 based on truckid which is common field of both table and result is listed bellow**

A screenshot of a computer

AI-generated content may be incorrect.

**Doing a left join of 2 tables by limiting rows to 10 and using id truckid**

A screenshot of a computer

AI-generated content may be incorrect.

**Left join after applying filters, Query and output is listed bellow**

select G.event, G.city, T.model,T.jun13\_miles from(select \* from trucks where model='Ford' limit 10) as T left join(select \* from geolocation where event='overspeed' limit 10) as G on T.truckid=G.truckid

A screenshot of a computer

AI-generated content may be incorrect.

**Query I had used is listed bellow.**

select \* from trucks limit 10

select \* from geolocation limit 10

select \* from trucks where model='Ford'

select G.event, G.city, T.model,T.jun13\_miles from(select \* from trucks where model='Ford' limit 10) as T left join(select \* from geolocation where event='overspeed' limit 10) as G on T.truckid=G.truckid

drop table trucks