

HADOOP ASSIGNEMENT-2



```
# main production between the production of the
```

- I fetch "movie.items" from website into local using command "wget <url>".
- I fetch "rating.data" from website into local using command "wget<url>".
- I list the files in the local by using command "Is".

- I switch into hive service by using command "hive".
- I created one "movies table" using normal SQL DDL command.
- create table movies(

```
movie_id int,
movie_name string,
time string,
value string,
url string)
ROW FORMAT DELIMITED
```

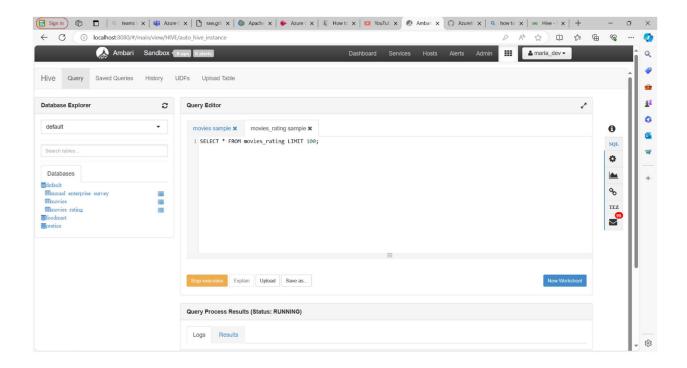
FIELDS TERMINATED BY '|';

- I created one "movies_rating table" using normal SQL DDL command.
- create table movies_rating(

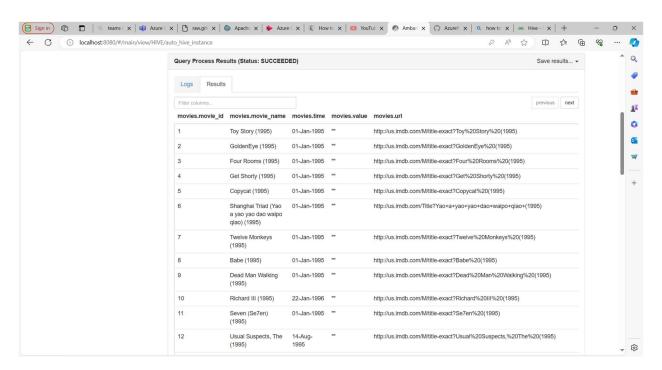
```
user_id int,
movie_id int,
rating int,
ts Bigint)
ROW FORMAT DELIMITED
```

FIELDS TERMINATED BY '\t';

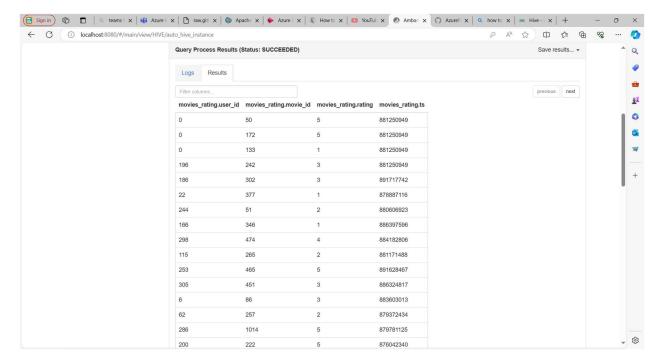
- I load recorders into that table "movies" by using command.
- LOAD DATA LOCAL INPATH 'movies.item' OVERWRITE INTO TABLE movies;
- I load recorders into that table "movies_rating" by using command.
- LOAD DATA LOCAL INPATH 'ratings.data' OVERWRITE INTO TABLE movies_rating;



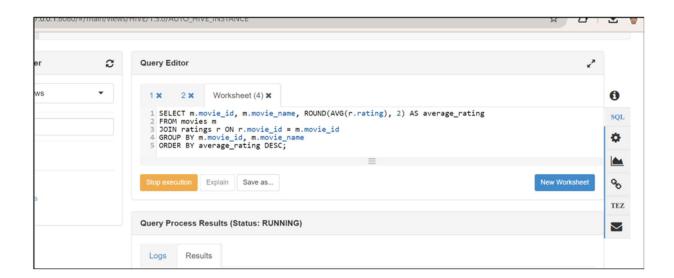
I run query in Query editor of hive service and check whether recorders get inserted correctly or not.



Result of above SQL Query for "movietable" which is executed on query editor in hive service.



Result of above SQL Query for "movie_rating table" which is executed on query editor in hive service.



SELECT m.movie_id,m.movie_name,ROUND(AVG(r.rating),2) As average_rating

FROM movies m

JOIN ratings r ON r.movie_id=m.movie_id

GROUO BY m.movie_id,m.movie_name ORDER BY average_rating desc;





