**Hive Command List to be executed**

CREATE TABLE IF NOT EXISTS AmazonSports (

marketplace String,

customer\_id int,

review\_id String,

product\_id String,

product\_parent String,

product\_title String,

product\_category String,

star\_rating float,

helpful\_votes float,

total\_votes int,

Vine String,

verified\_purchase String,

review\_headline String,

review\_body String,

review\_date String)

ROW FORMAT DELIMITED FIELDS TERMINATED BY ‘\t’ \_LINES TERMINATED BY ‘\n’

tblproperties ("skip.header.line.count"="1");

1. **Top 10 Best Products based on average ratings**

Select product\_id, avg(star\_rating) as ProdAverage

From AmazonSportsReviews

group by Product\_ID

order by ProdAverage DESC limit 10;

1. **Top 3 Customer based on the number of products**

select customer\_id, count(product\_id) as totalProducts

from AmazonSportsReviews

group by customer\_id

order by totalProducts desc limit 3;

1. **Top 3 Popular Product based on number of products sold**

select product\_id, count(product\_id) as numberofprods

from AmazonSportsReviews

group by product\_id

order by numberofprods desc limit 3;

1. **Number of products sold per day**

Select review\_date , count(product\_id) as ProductsInDays

from AmazonSportsReviews

group by review\_date

order by ProductsInDays desc limit 10;

1. **Number of products per rating**

select star\_rating, count(product\_id) as ProductsInRating

from AmazonSportsReviews

group by star\_rating

order by ProductsInRating desc limit 5;