CREATE EXTERNAL TABLE IF NOT EXISTS reviews\_df.reviews\_dataframe (

`id` int,

`product\_id` string,

`star\_rating` string,

`total\_votes` int,

`helpful\_votes` int,

`review\_body` string,

`possentiment` double,

`neusentiment` double,

`negsentiment` double,

`reviews` string

)

ROW FORMAT SERDE 'org.apache.hadoop.hive.serde2.lazy.LazySimpleSerDe'

WITH SERDEPROPERTIES (

'serialization.format' = ',',

'field.delim' = ','

) LOCATION 's3://reviewsdf/'

TBLPROPERTIES ('has\_encrypted\_data'='false');

select product\_id, count(review\_body), avg(possentiment) from reviews\_dataframe

where reviews like '%page%' or reviews like '%click%' or reviews like '%touch%' or reviews like '%screen%' or reviews like '%print%' or reviews like '%read%'or reviews like '%reader%'

group by product\_id;

#Screen Readability

select product\_id, count(review\_body), avg(possentiment) from reviews\_dataframe

where reviews like '%gift%' or reviews like '%buy%' or reviews like '%use%' or reviews like '%Christmas%' or reviews like '%play%'

group by product\_id;

#Gifts

select product\_id, count(review\_body), avg(possentiment) from reviews\_dataframe

where reviews like '%problem%' or reviews like '%product%' or reviews like '%buy%' or reviews like '%order%' or reviews like '%charge%' or reviews like '%recieve%'or reviews like '%day%'or reviews like '%offer%'or reviews like '%money%'or reviews like '%own%'

group by product\_id;

#Purchasing logistics

select product\_id, count(review\_body), avg(possentiment) from reviews\_dataframe

where reviews like '%buy%' or reviews like '%charge%' or reviews like '%app%' or reviews like '%screen%' or reviews like '%issue%' or reviews like '%work%'or reviews like '%charger%'

group by product\_id;

#Battery