Sentiment analysis on Apple iPads(different versions including ipad2, iPad AIR, iPad 3rd Gen, iPad MINI, iPad 4)

Data Extraction:

In terminal inside docker container,

Download both metadata and reviews of electronics file as below

curl -L -O -C - http://snap.stanford.edu/data/amazon/productGraph/categoryFiles/meta_Electronics.json.gz
curl -L -O -C - http://snap.stanford.edu/data/amazon/productGraph/categoryFiles/reviews_Electronics.json.gz

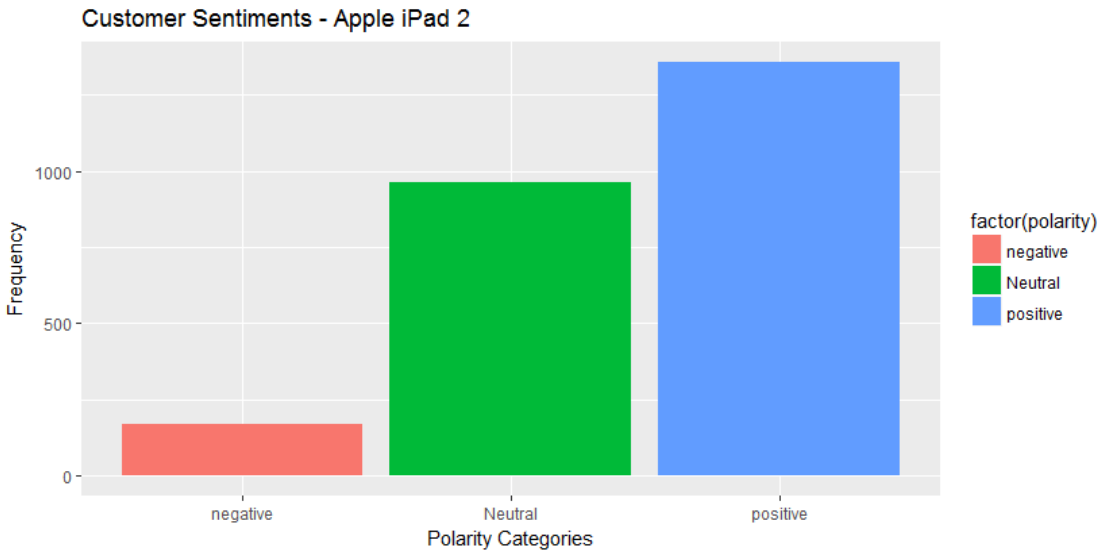
unzip both the files as below,

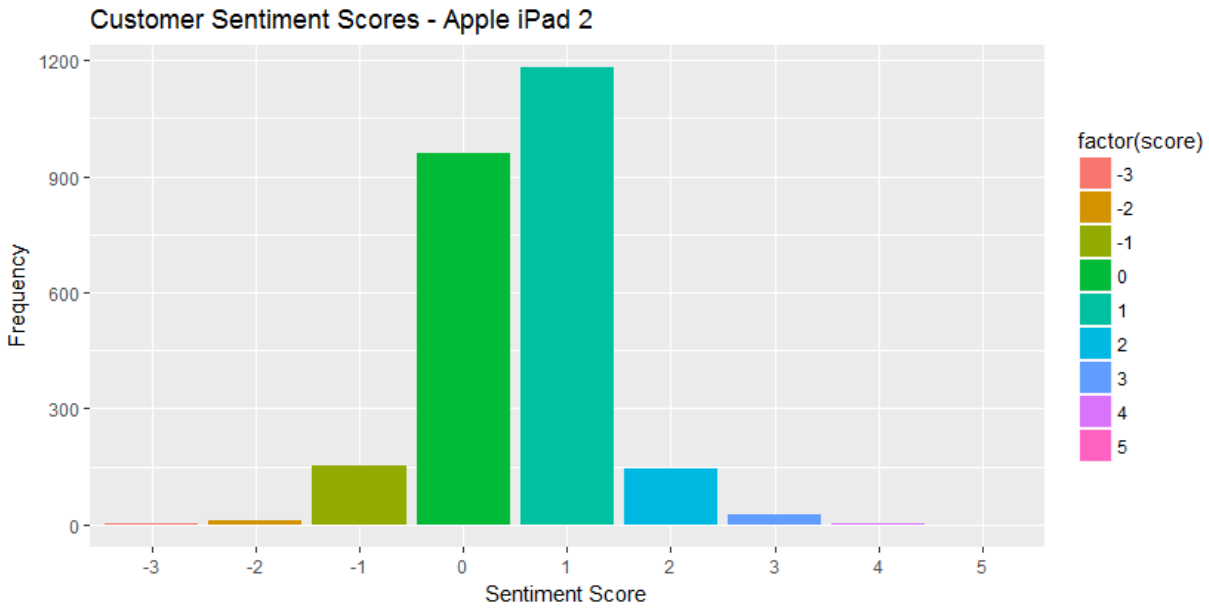
gunzip meta_Electronics.json.gz
gunzip reviews_Electronics.json.gz
Copy the 2 files in to HDFS by creating the respective directories

hdfs dfs -copyFromLocal meta_Electronics.json /user/root/metadata
hdfs dfs -copyFromLocal reviews_Electronics.json /user/root/full_reviews

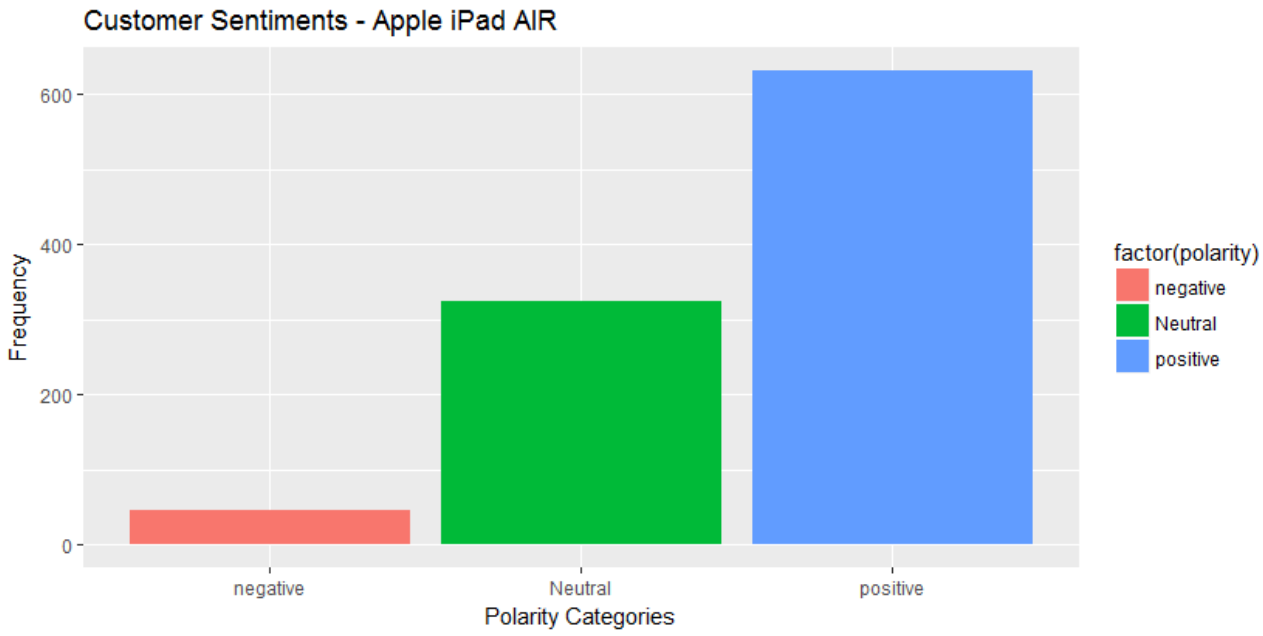
From R after sentiment analysis the resultant plots of polarity and sentiment scores are as below.

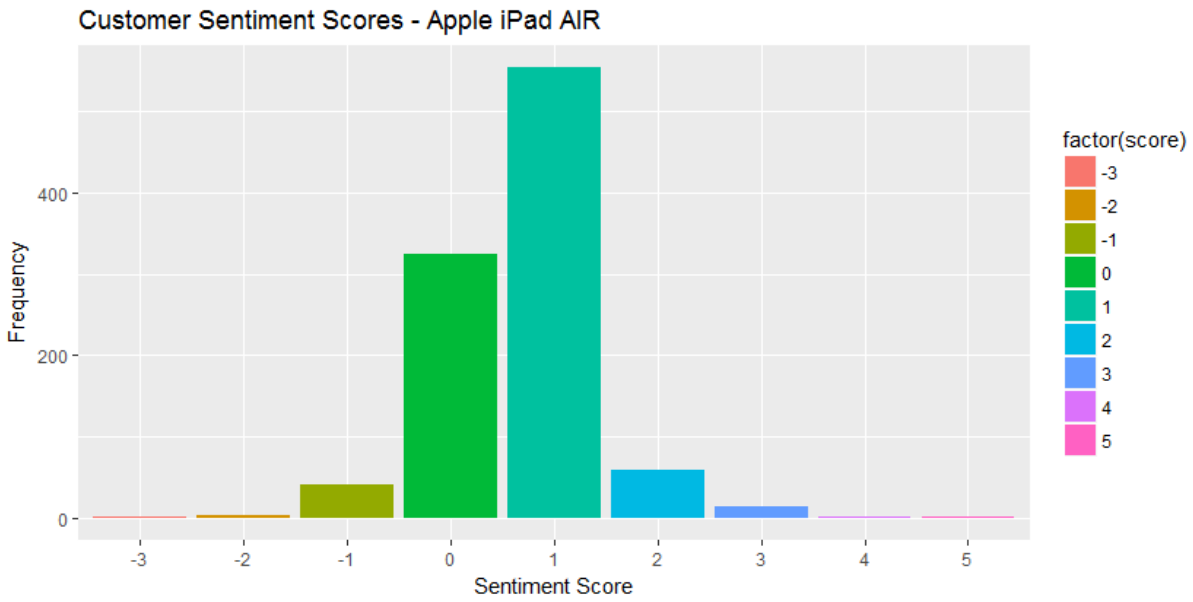
Apple Ipads 2 :



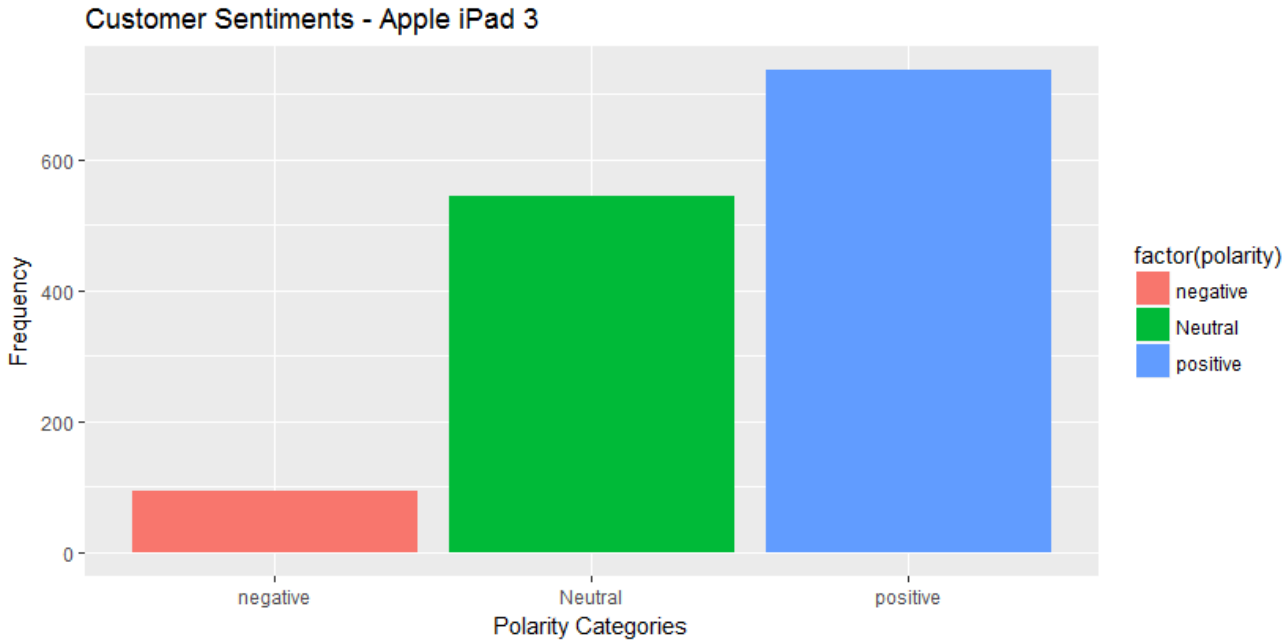


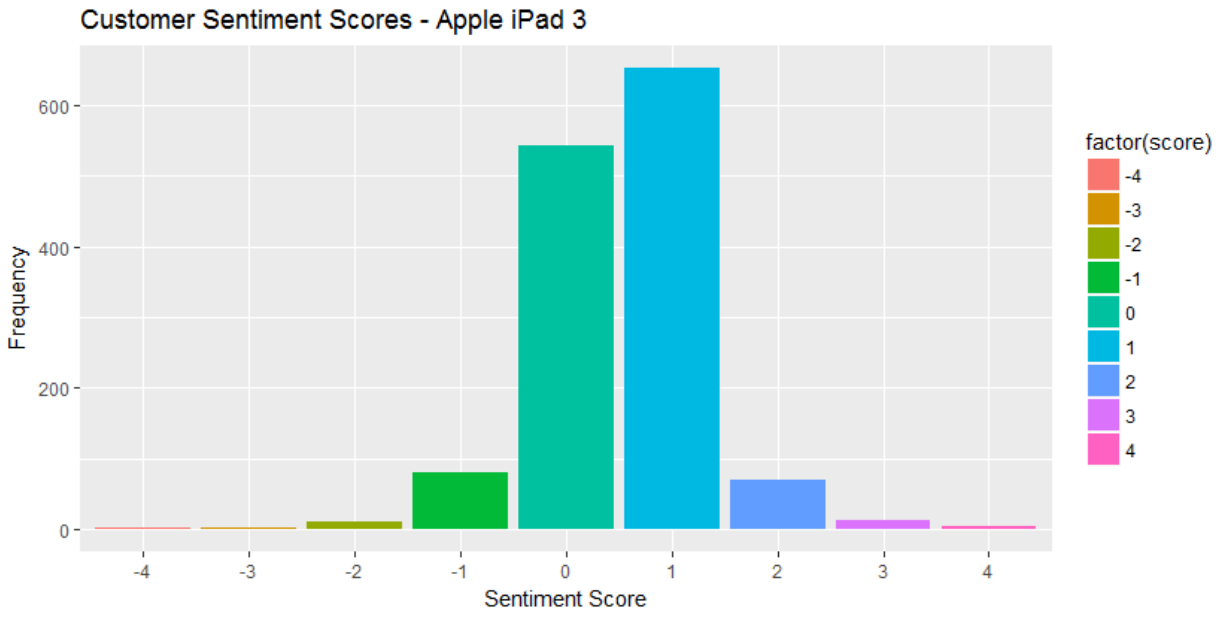
Apple Ipads AIR :



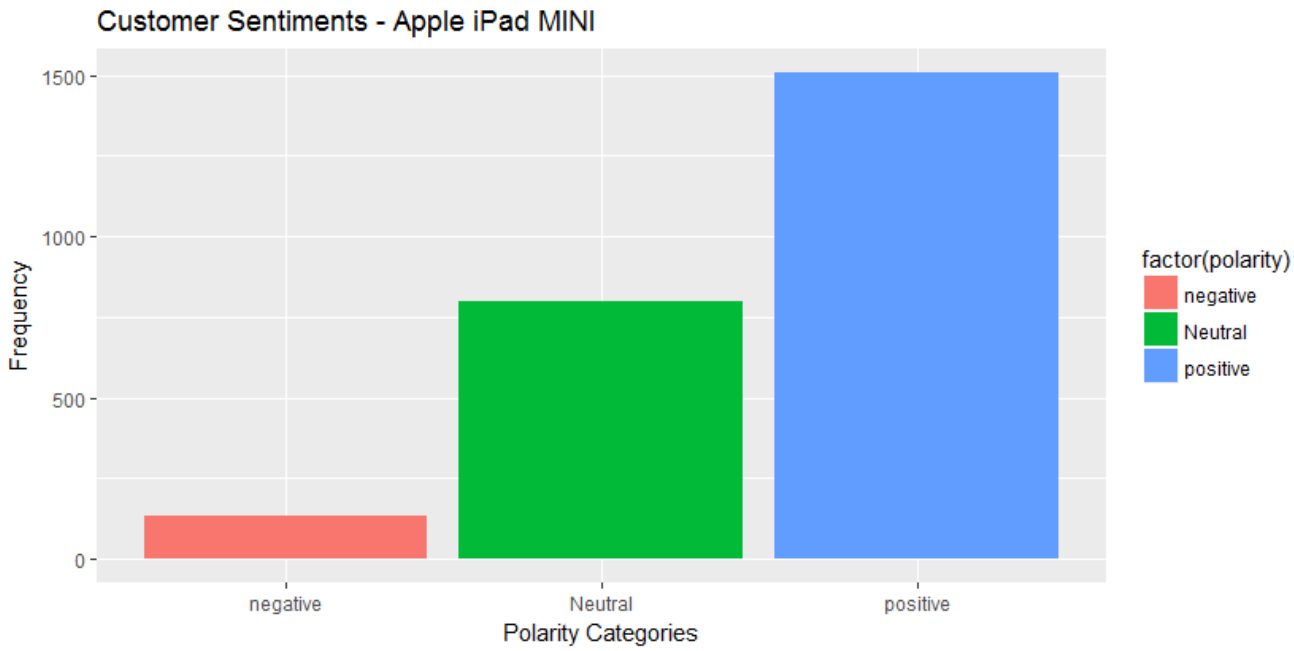


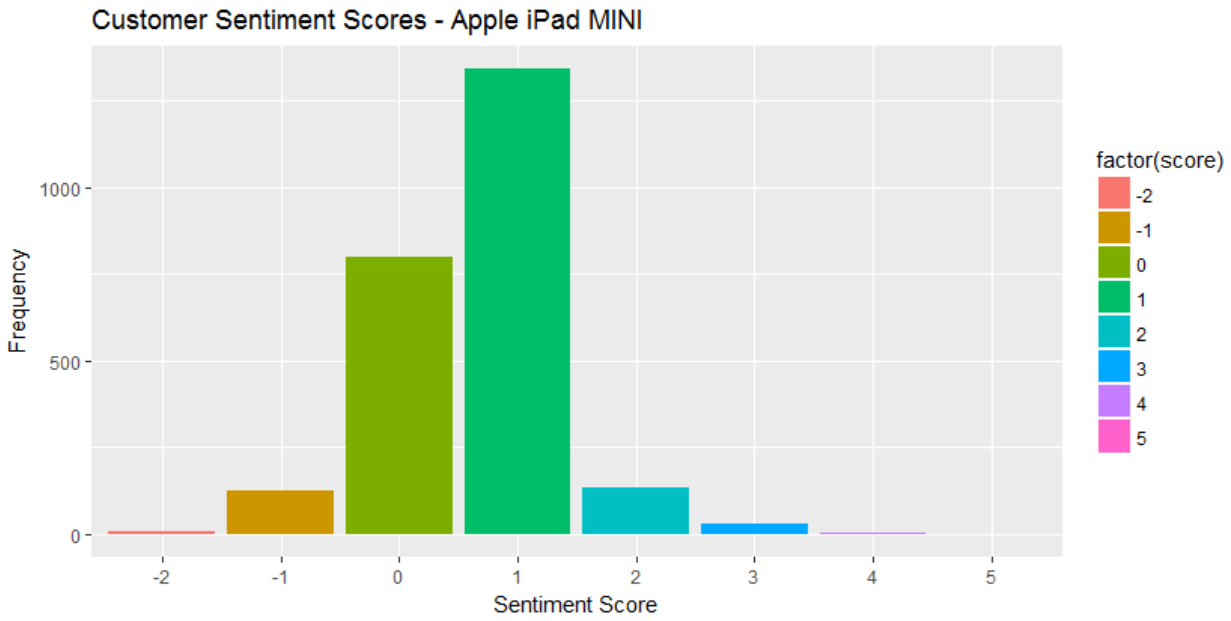
Apple Ipads 3 :



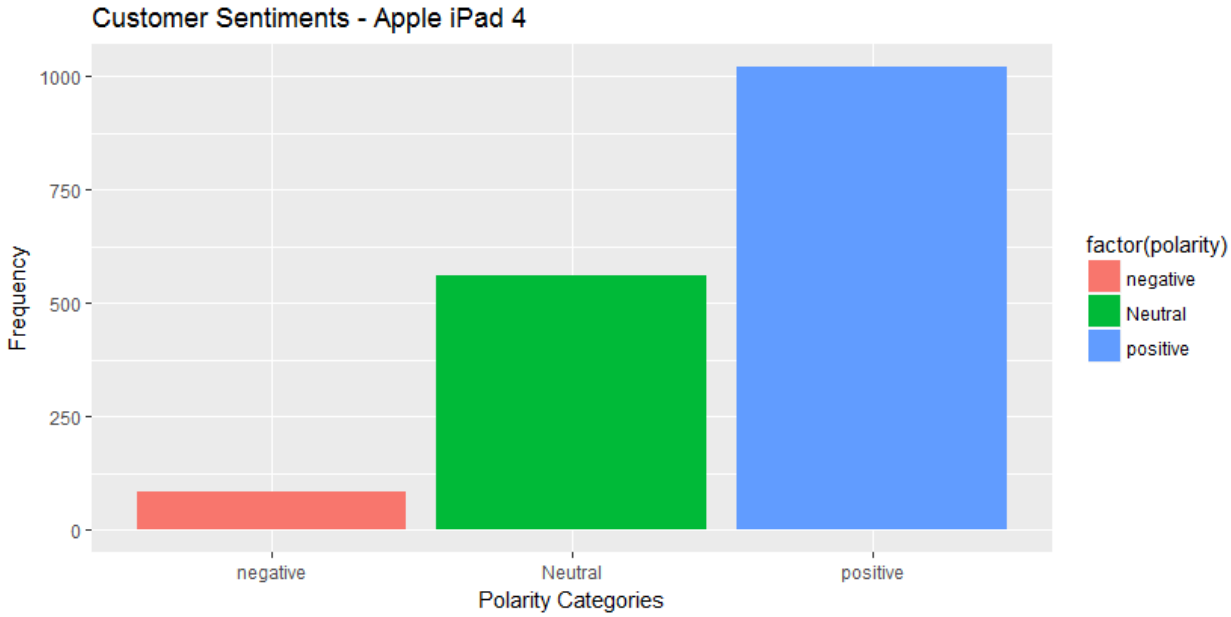


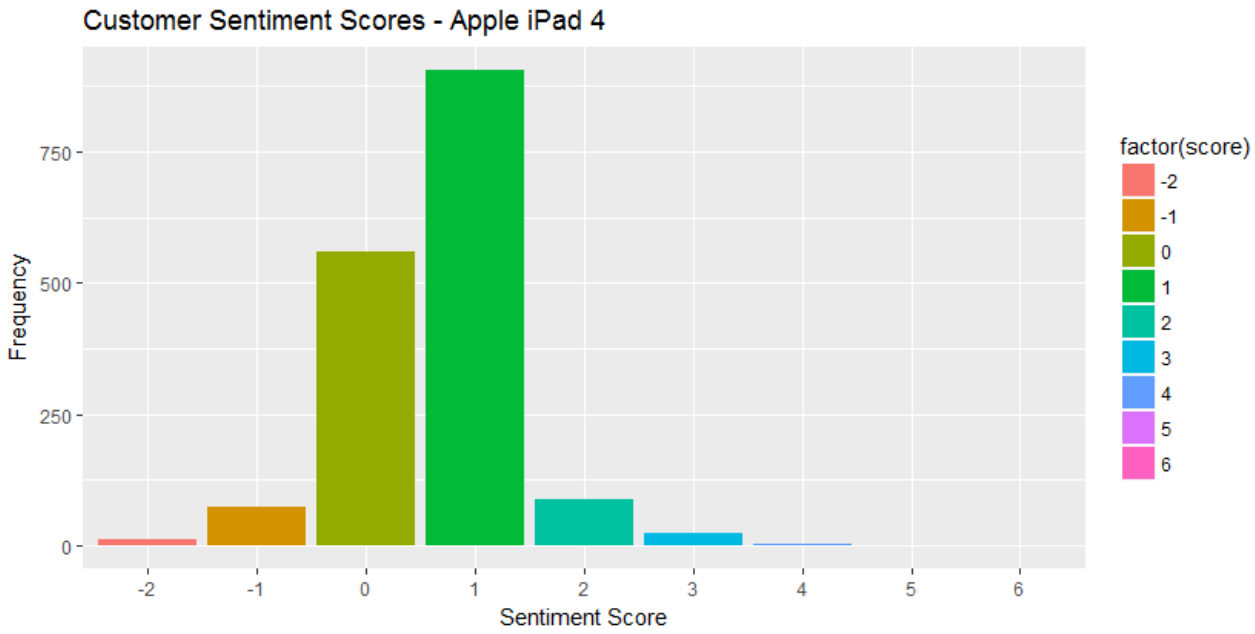
Apple Ipads MINI :



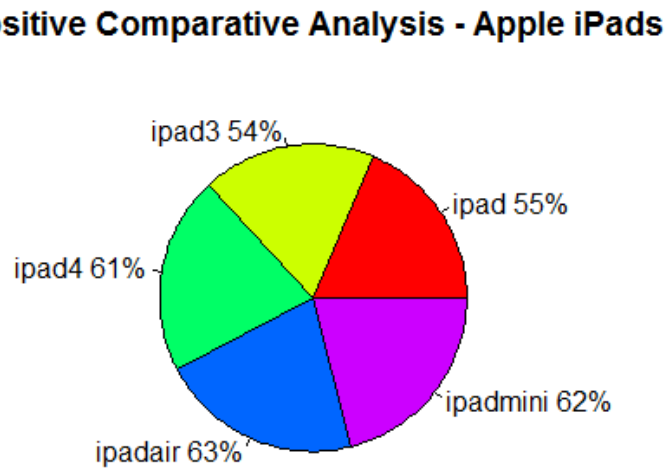


Apple Ipads 4 :





Positive sentiment Score for all Apple Ipads :



Negative sentiment Score for all Apple Ipads :

Negative Comparative Analysis - Apple iPads