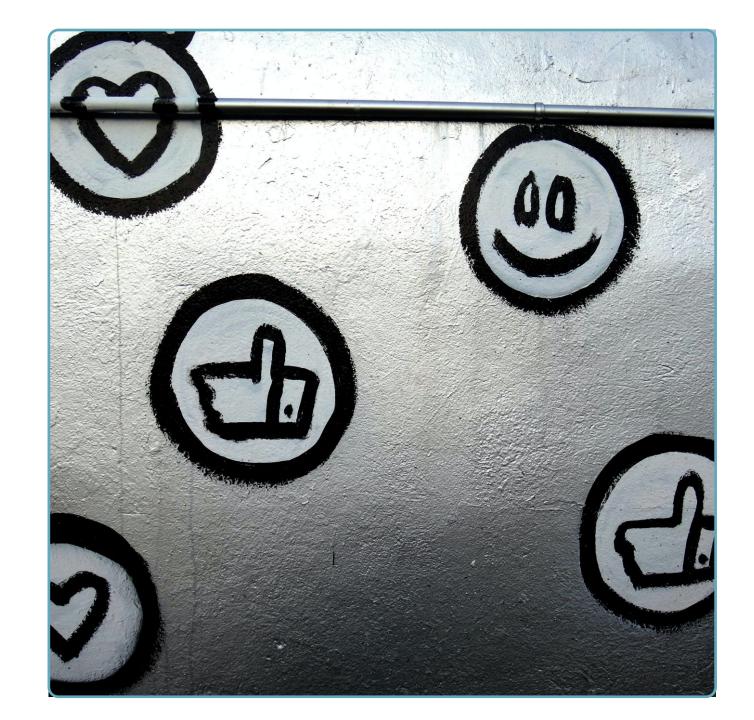


Unveiling Sentiments on Apple Products

Jay Iraj, Juvenson Edouard, Data Scientist team

Agenda

- Business Understanding
- Data
- Modelling
- Features importances
- Conclusion & Recommendations



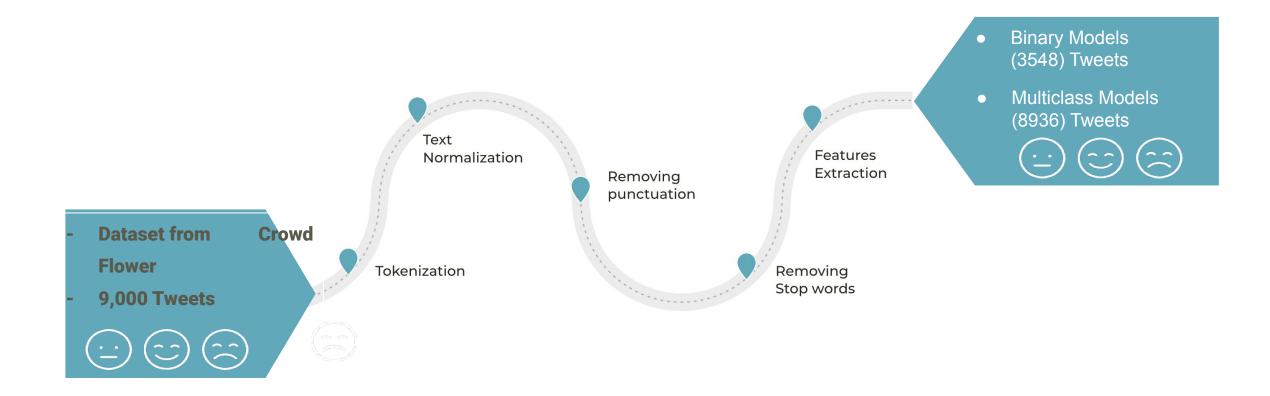
Business Understanding

Leverage sentiment analysis of tweets, to enhance our social media engagement and assess our product marketing effectiveness



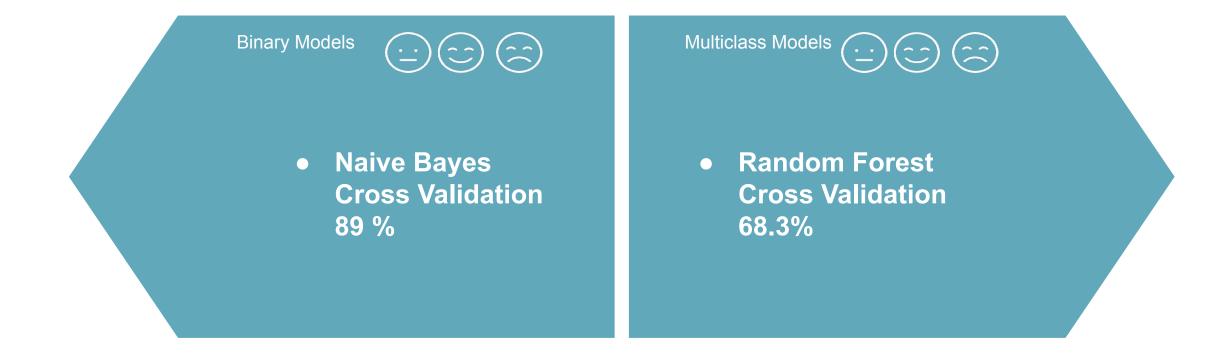
Data

understanding and processing

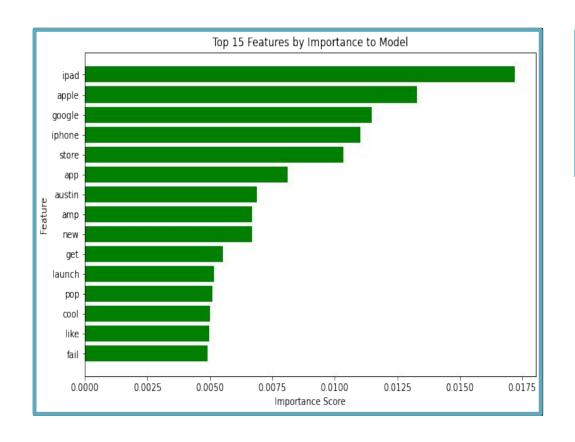


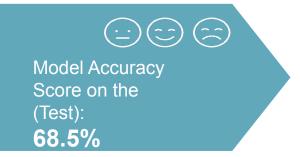
Models Performances

Multinomial Naive Bayes and Random Forest

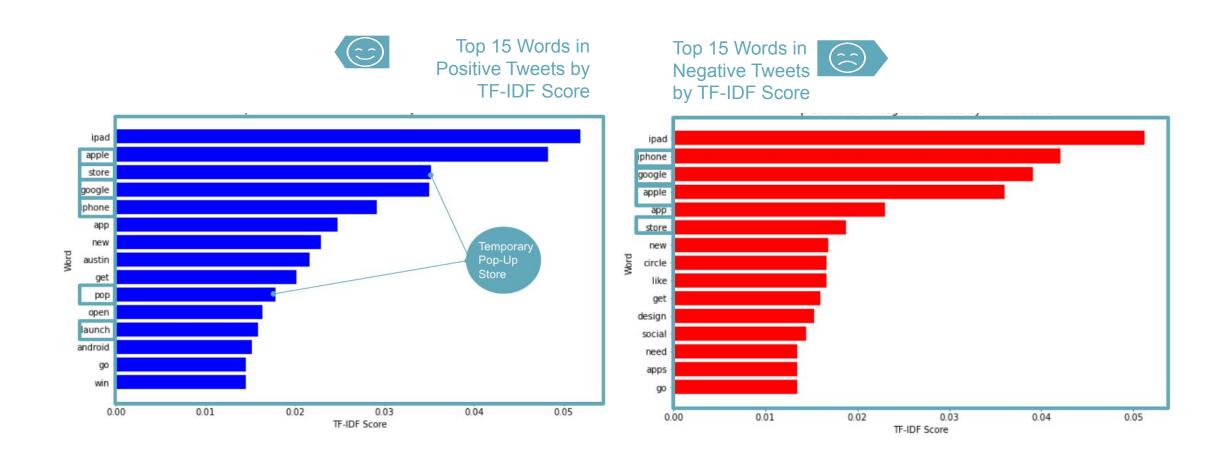


Our Best Model: Ternary Random Forest





Word Frequencies in Positive and Negative Tweets



Conclusions and Recommendations

- 1. Continue Overall Marketing Strategy
- Temporary Pop-Up Store was a success
- Market upcoming products more on social media
- 4. Address negative sentiment around iPhone



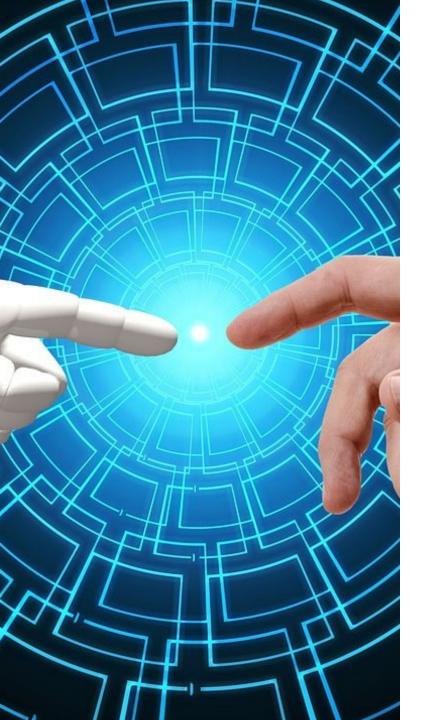
Conclusions and Recommendations

4. Address negative sentiment around iPhone











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