



REVIEW BASED ANALYSIS OF MOBILE PHONES

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INTRODUCTION



System will take the given features and will analyze the mobiles reviews according to given features and output the top suggestions.



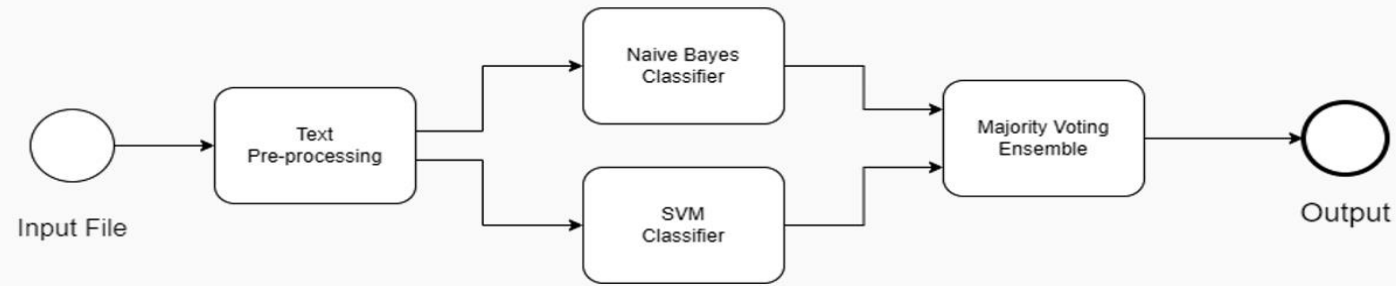


MOTIVATION

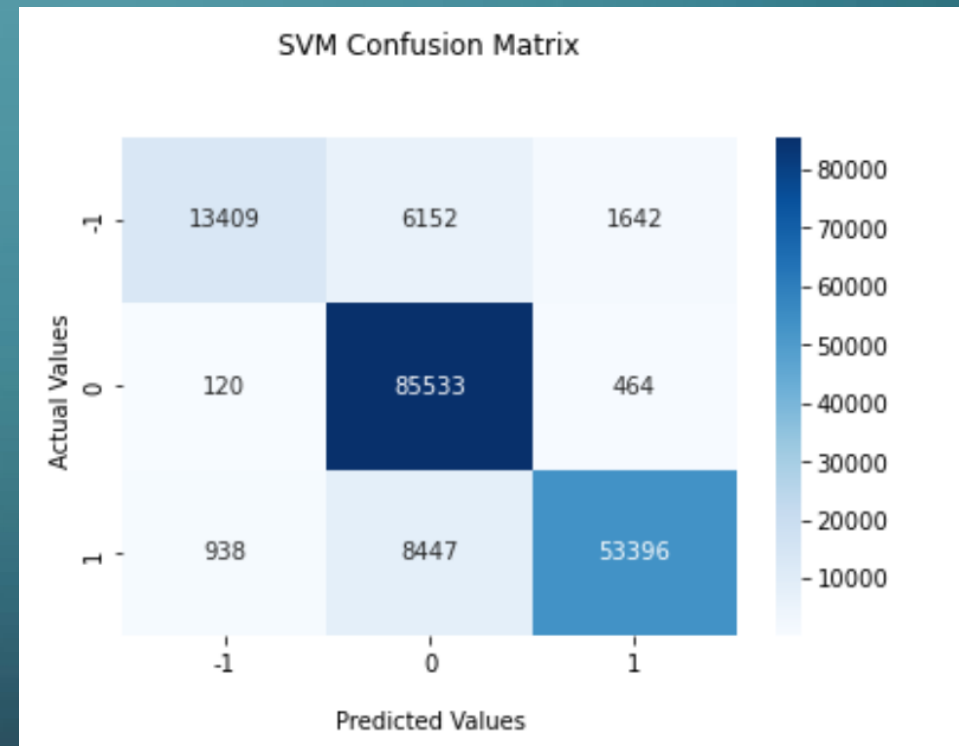
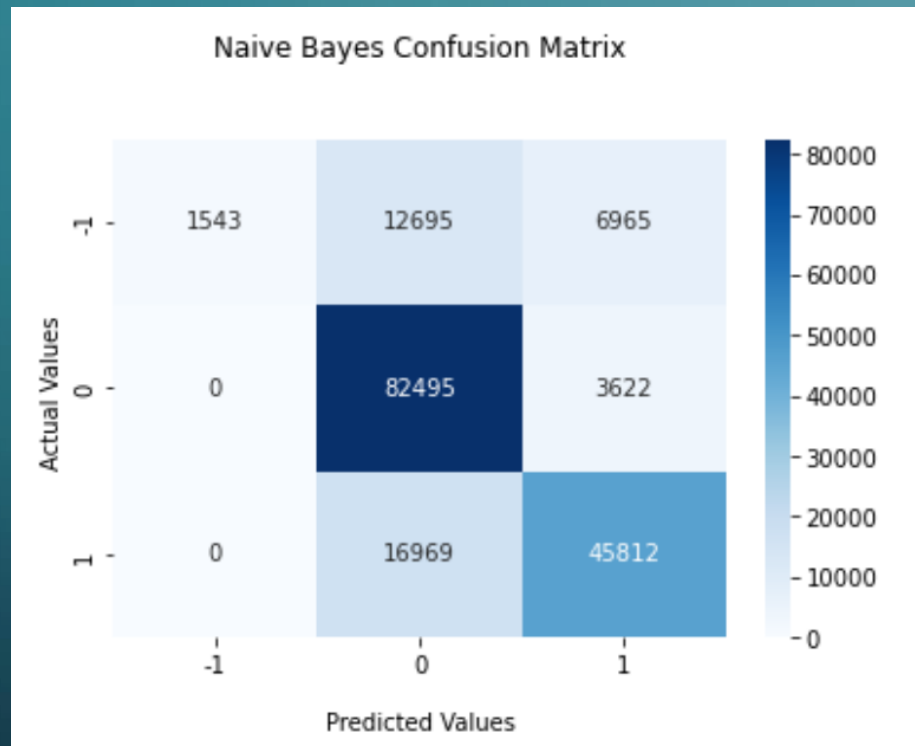
A web application that provides best mobile phone suggestions based on specific selected features. It will save time by automating analysis of reviews.



GOALS ACHIEVED



CONFUSION MATRIX



ACCURACY



Naïve Bayes = $0.76 = 76\%$

SVM = $0.89 = 89\%$

Majority Voting Ensemble = $0.83 = 83\%$



TECHNICAL DIFFICULTIES

- Data-set
 - Slang
 - Emoticons and special characters
 - Grammatical mistakes
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FYP-2 GOALS

- Feature based ranking
- Fake reviews detection
- Improve accuracy

The background is a teal-to-dark-blue gradient. In the corners, there are white line-art illustrations of circuit boards or neural networks, with lines and small circles representing nodes.

QUESTIONS?