ANALYSIS OF WOMEN SAFETY IN INDIAN CITIES USING TWITTER DATA
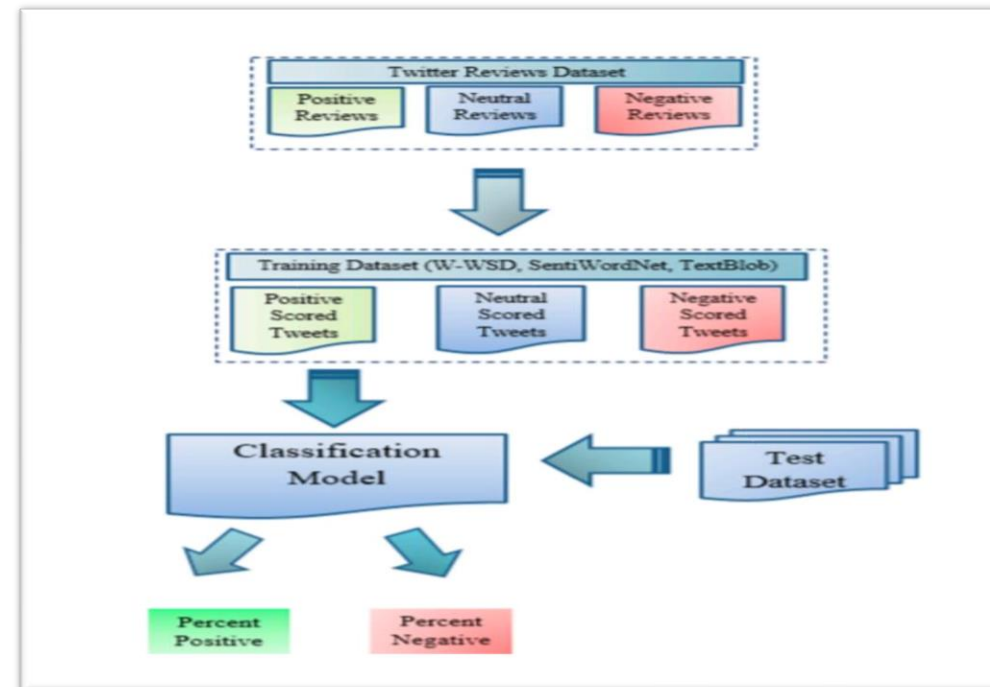
AIM

To analyze women safety using social networking messages and by applying machine learning algorithms on it. Now-a-days almost all peoples are using social networking sites to express their feelings and if any women feel unsafe in any area, then she will express negative words in her post/tweets/messages and by analyzing those messages we can detect which area is more unsafe for women's.

INTRODUCTION

The main aim of this system is to provide precise security precautionary steps in order to protect harassment prevailing in the present society. The system facilitates to analyze the threats against through social networking sites. Here we retrieve comments, likes, shares and other forms of opinions of people from twitter social networking site.

ARCHITECTURE

NLTK (natural language tool kit) to remove special symbols and stop words from tweets and to make them clean.

TEXTBLOB corpora package and dictionary to count positive, negative and neutral polarity and the tweets which has polarity value less than 0 will consider as negative as and greater than 0 and less than 0.5 will consider as neutral and polarity greater than 0.5 will consider as positive.

CONCLUSION

Here we have used different Machine Learning techniques that can push us to put together and examine the immense measure of Twitter information. Subsequently we can perform AI calculations to accomplish nostalgic investigation and carry more safety and security to ladies by spreading the mindfulness. For the future improvement, we can reach out to apply these AI calculations on various web-based media stages.

REFERNCES

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J Ashritha - 17wh1a0581, K Ashwini - 17wh1a05B9, T Bindhu Bhargavi - 18wh5a0520   Guide: D Swapna