Mehmet Acikgoz

ICP-03 TWITTER SENTIMENT ANALYSIS

Importing the libraries

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Reading the data

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**Data Sampling for Reducing Computation Burden**

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Dropping the duplicate records:

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**Data Cleaning:**

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**Tokenization**

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**Rearranging the data after cleaning from the stopwords, punctuation and special characters**

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**Dropping duplicate records:**

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**Target Value Distribution:**

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**Data Preprocessing and Frequency Distribution**

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A screenshot of a map

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**WordCloud Generated from the data**

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A screenshot of a map

Description automatically generated

**Stemming, Lemmatization, Part-of-Speech:**

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Model Building and Prediction (with Naïve Bayes)

**TfIdf Vectorizer Generation**

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Top 10 and Bottom 10 words which have the biggest idf and the smallest idf values

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**Train-Test-Split, Modelling and Prediction**

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**Modelling Results**

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