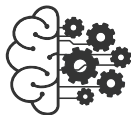
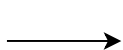




Preprocessed



Trained Machine Learning Models



Applied on Test Dataset



Test Reddit Dataset



suicide
non-suicide

Depression
Suicidal Risk

Training CSSR Dataset

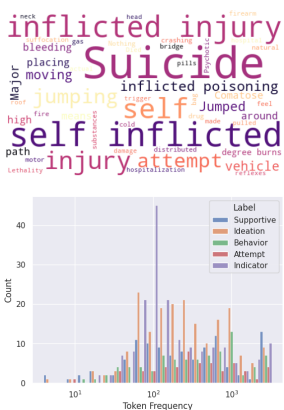


Suicide Categories

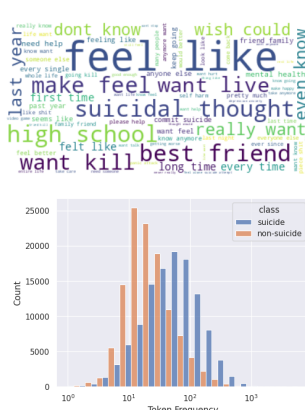
Ideation
Behavior
Attempt
Indicator

Exploratory Analysis Dataset Visualization

Suicide



Depression

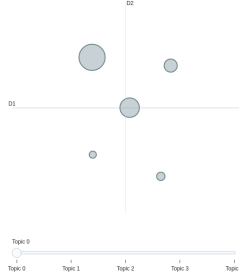


Optimal Num of Topics

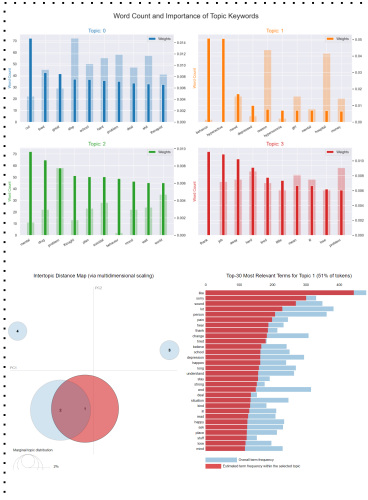


Topics Similarity

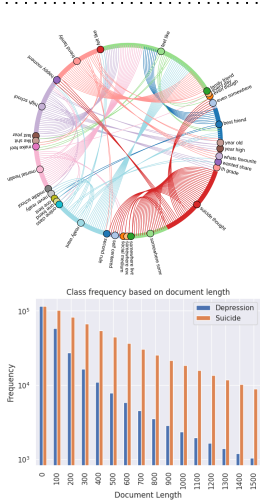
Intertopic Distance Map



LDA Dominant Key terms Visualization



Word Network and pattern Visualization



Suicidal Risk Estimation

