



COVID-19 **scientific** **papers**

Nouf Almalki

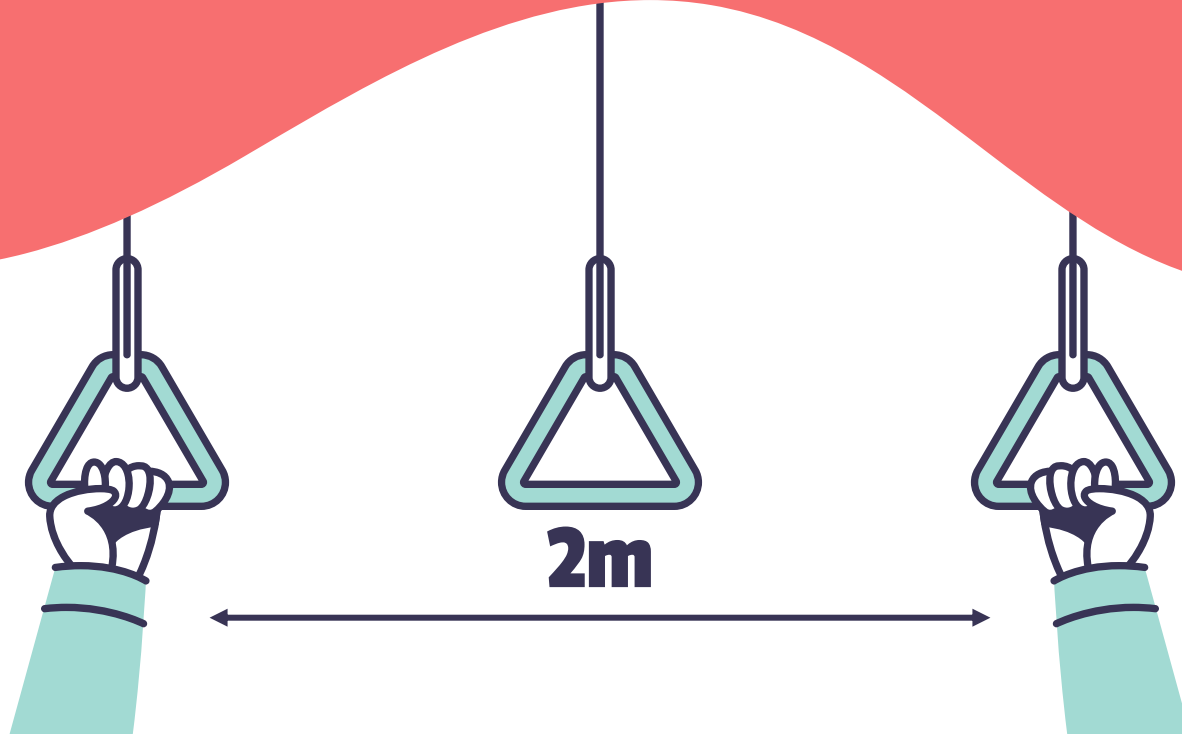
COVID-19

scientific papers

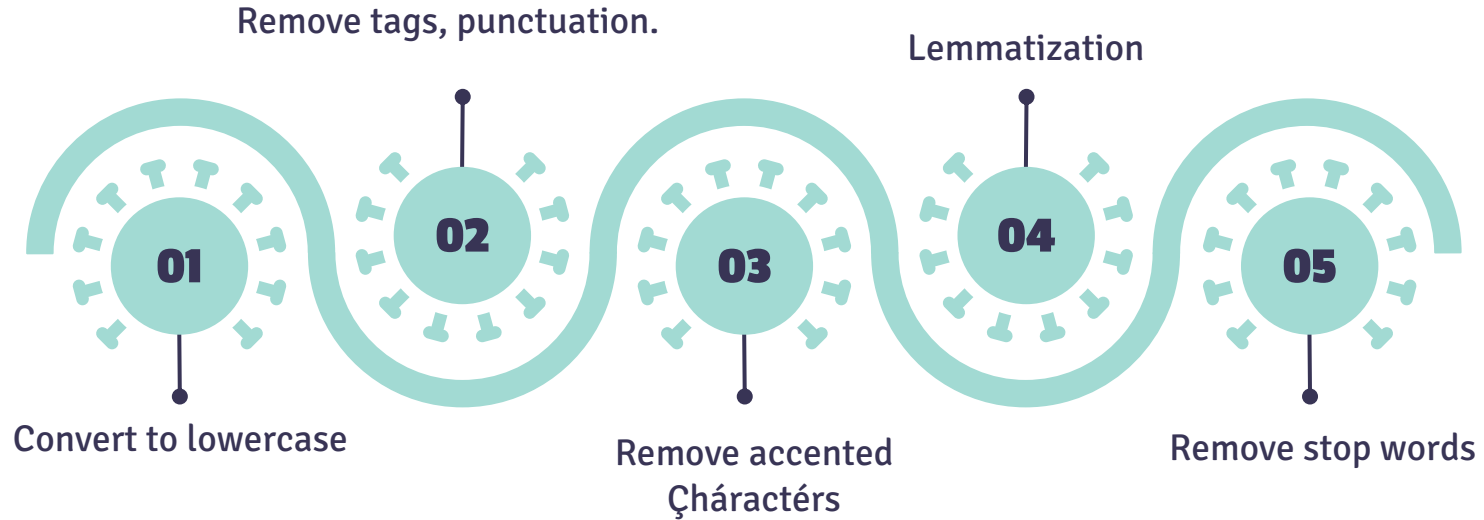
Dataset: An Overview

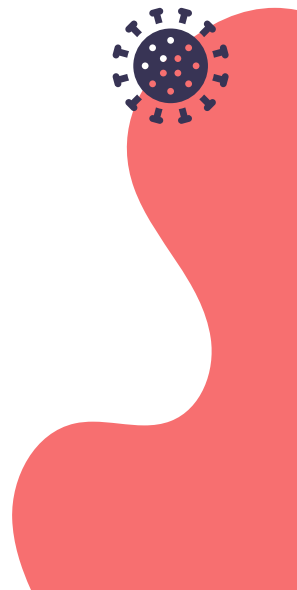


Fetch All of JSON File



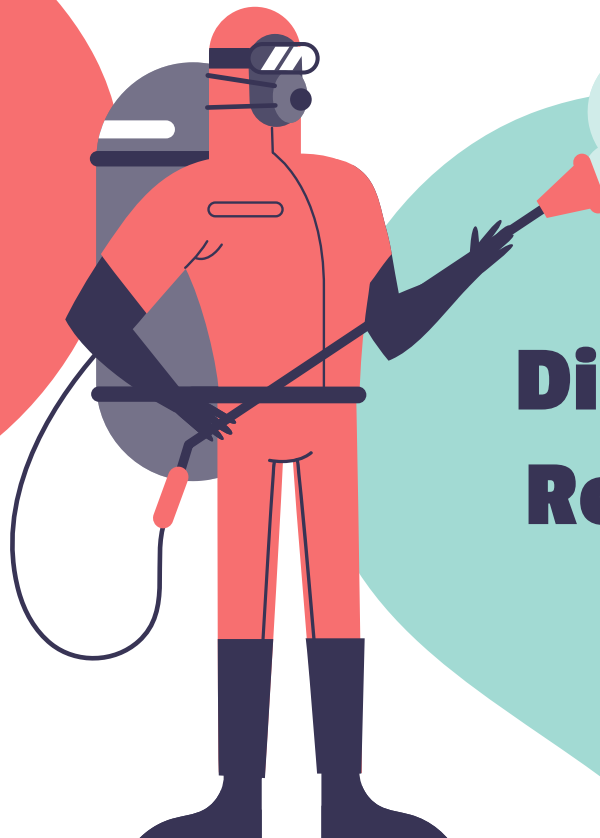
Preprocessing







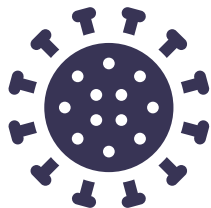
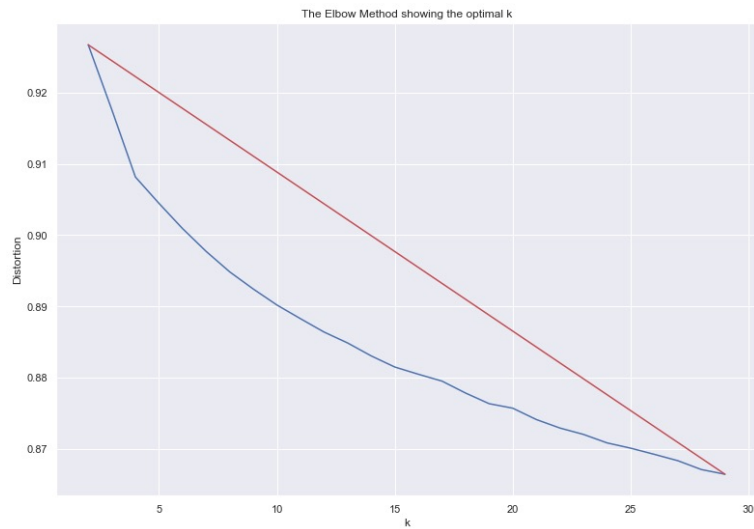
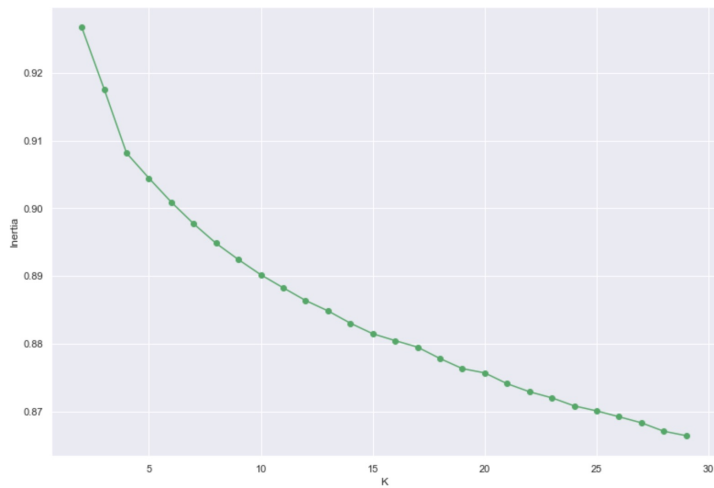
TF-IDF



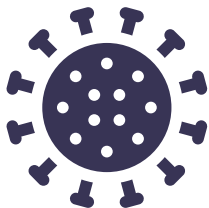
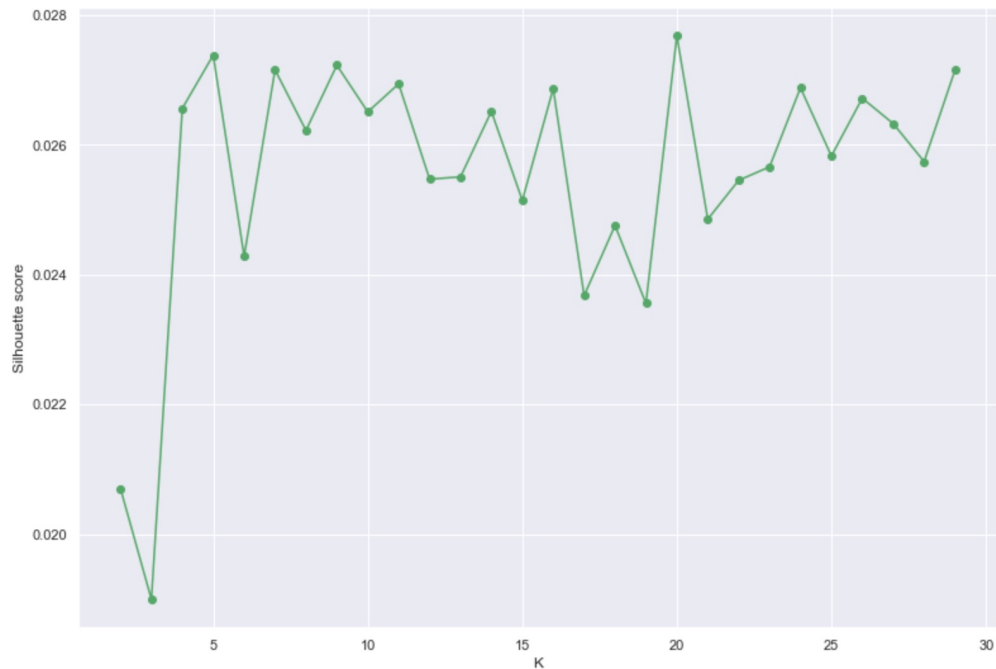
**Dimension
Reduction**



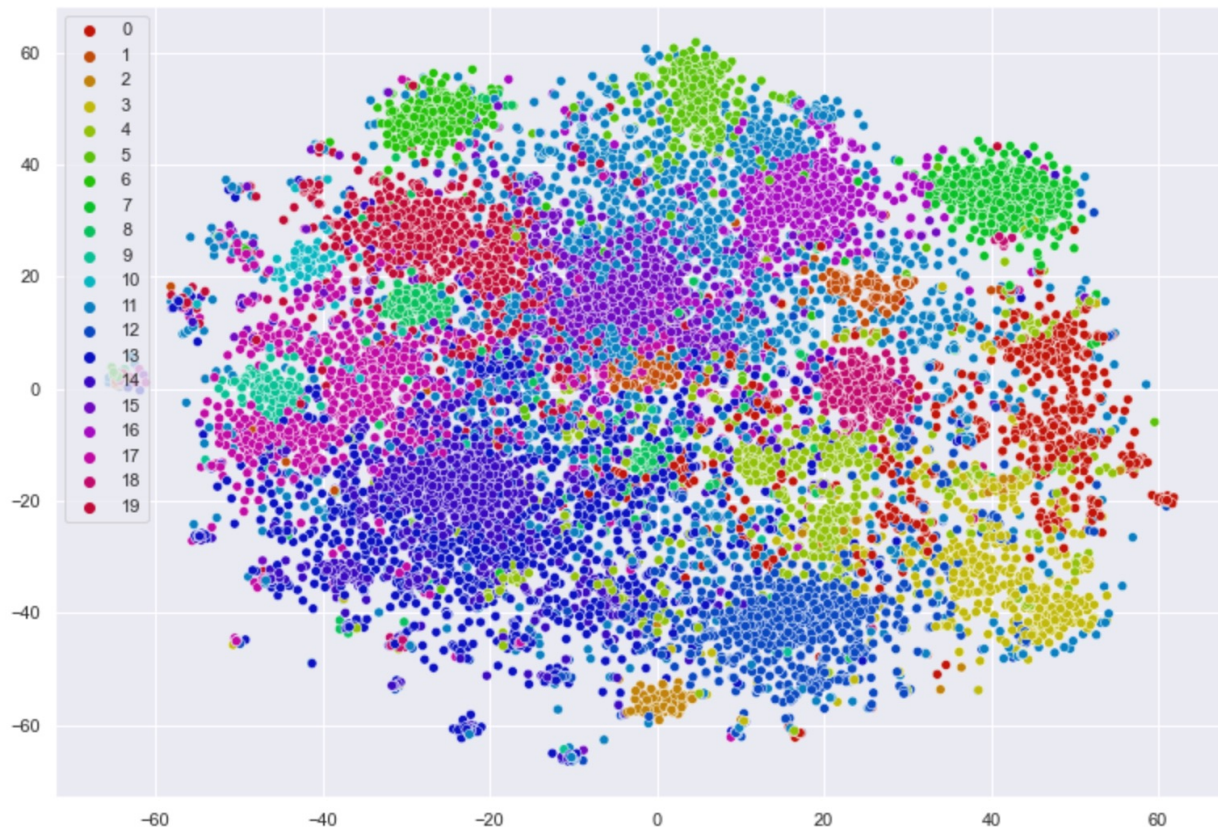
K-Means



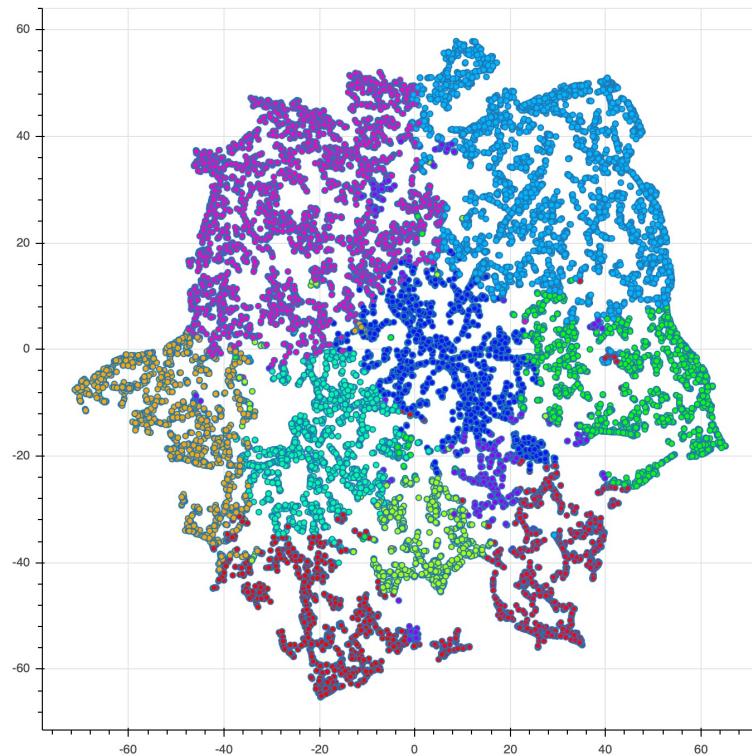
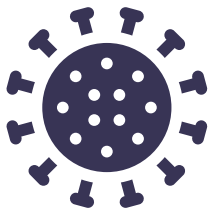
Silhouette Score



t-SNE with Kmeans Labels



Topic modeling



Classification

SVM

Train = 0.84

Test = 0.81



THANKS!

