



A Systematic Approach to Analyzing Syndication of Viral News Stories

Samuel Teplov

Gaurav Deshpande

Alon Peer

Faculty Advisor : Dr. Nicolas Christin

PROBLEM STATEMENT

- Misinformation has become a normal occurrence in our interconnected society
- Media outlets further exacerbate this problem by blindly syndicating articles
- Tracing the propagation path of syndicated articles is a very tedious task

OBJECTIVE

- To create a system which automatically:
 - ⇒ Identifies related articles
 - ⇒ Clusters them together
 - ⇒ Performs analysis on the associated metadata.

CONTRIBUTIONS

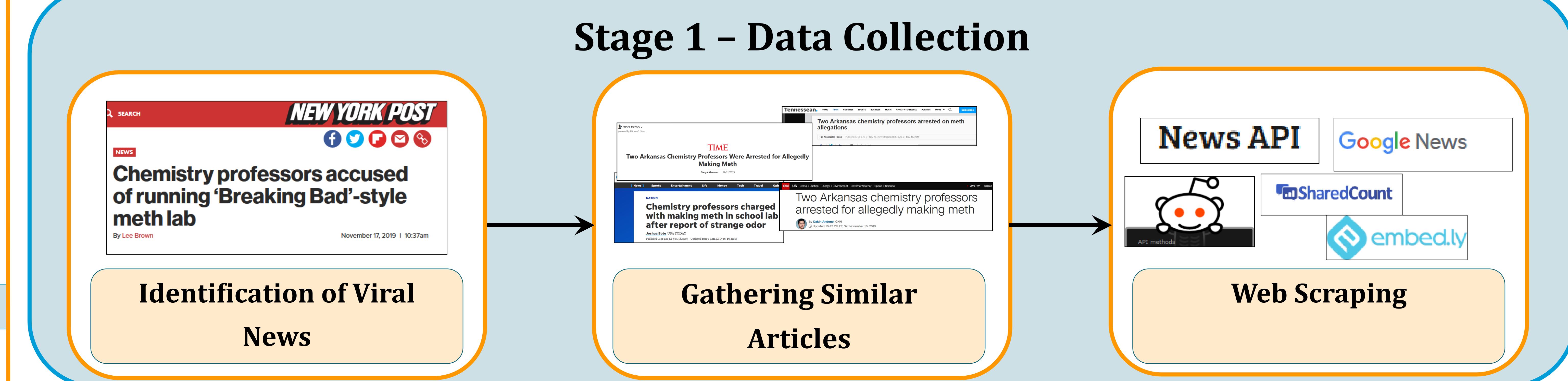
- 🔍 Semi-automated search of related articles
- 🔗 Classification of articles
- ➡ Identification of propagation path
- 📈 Analysis of various metadata features

FUTURE WORK

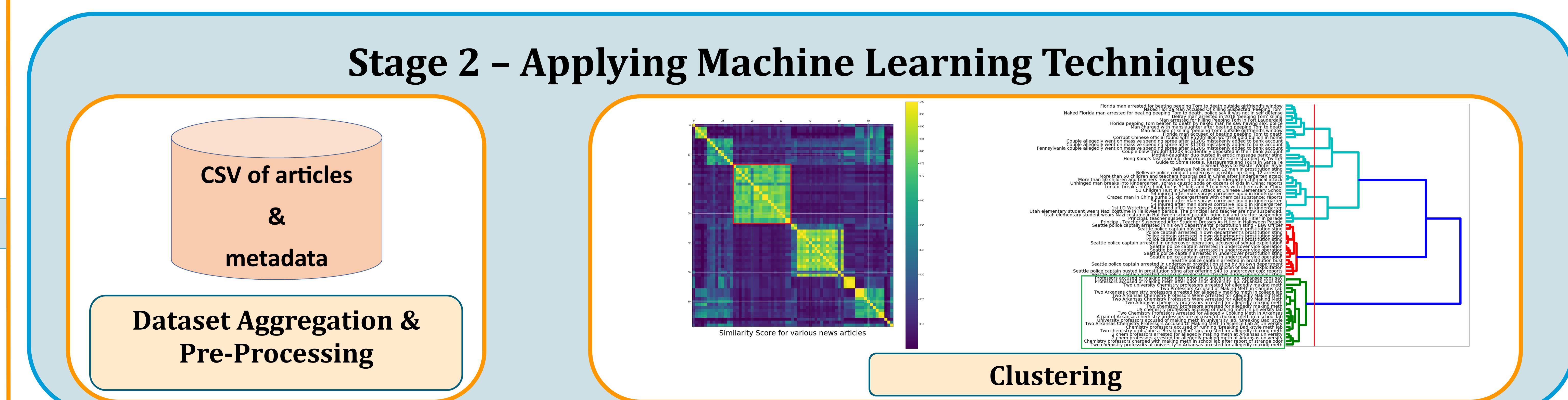
- Fully automate process
- Incorporate existing models on fake news detection
- Make code base open-source

METHODOLOGY

Stage 1 – Data Collection



Stage 2 – Applying Machine Learning Techniques



Stage 3 – Data Analysis

