Bangla News Categorization

CSE-837: Machine Learning

Group: VIII

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Table of Contents

[Motivation 3](#_Toc63071182)

[Problem Description 3](#_Toc63071183)

[Tools and resources: 3](#_Toc63071184)

[Project outline 3](#_Toc63071185)

Bangla News Categorization

# Motivation

Various news Company want to categorize the news based on published news on newspaper. So this work will be a solution for themselves.

# Problem Description

We want to categorize the Bangla news from online Bangla newspapers. Also, we want to categorize the news headlines. There are various types of categories in a newspaper such as National, Politics, International, Opinion, Sports, IT etc. We want to find those categories from a newspaper.

# Tools and resources:

* Development Environment: Jupyter notebook
* Python version: 3.7
* Packages and resources: TensorFlow, LSTM, NumPy, Matplotlib, Pandas, Scikit-learn

# Project outline

* Data collection and Cleaning
* Data summary
* Data Modification for model
* Model development
* Model evaluation