

# Bangla News Categorization

CSE-837: Machine Learning

Group: VIII

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# 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