News Category Classification

Overview

Everyday plenty of news articles are published on numerous topics or events. From the beginning, since the first printed newspaper, every news that makes into a page has had a specific category allotted to it. Although pretty much everything changed in newspapers from the ink to the type of paper used, this proper categorization of news was carried over by generations and even to the digital versions of the newspaper.

In this hackathon, we challenge data science enthusiasts to predict a news article category by utilising its title, description.

Data Dictionary

The dataset contains around 100k news articles title and description along with their labelled category. Here the article categories are - *Business*, *Science-Technology*, *Sports* and *World*.

Submission File Format

Variable	Description
Article_No.	Article Number
Category	Predicted news article category

Public and Private LeaderBoard

Test file is further divided into Public (25%) and Private (75%).
- Your initial responses will be checked and scored on the Public data.
- The final rankings would be based on your private score which will be published once the competition is over.

Evaluation Criteria

Your model performance will be evaluated on the basis of **F1-score**.

Rubrics

Component	Weightage
Data Cleaning and Data Visualization	25%
Model Building and Evaluation	60%
Pipeline and Deployment (Dashboard/Webapp)	15%