

Fastor Task Round

Artificial Intelligence

Time allotted: 4-6 hrs

Task: *Financial Sentiment Analysis*

Task Description: Your goal is to build a sentiment analysis model for financial news articles. The provided dataset consists of news headlines from various financial sources, along with their corresponding sentiment labels (positive, negative, or neutral). Your task is to create a machine learning or deep learning model that can accurately classify the sentiment of new financial news headlines.

Dataset: The dataset can be found at the following Kaggle link: [Financial Sentiment Analysis Dataset](#)

The dataset contains the following columns:

- headline: The text of the financial news headline.
- sentiment: The sentiment label for the headline, which can be positive, negative, or neutral.