**Mini Project 3: Attention Mechanism and Transformers**

**Problem Statement:**

Business Context

In today’s fast-paced media industry, swiftly categorizing and curating content is crucial. With an overwhelming flow of news across diverse topics, efficient systems are needed to deliver the right content to the right audience and maintain engagement.

Key Challenges:

* Information Overload: The vast number of articles makes manual categorization impractical.
* Timeliness: Delays in classification can lead to outdated or misplaced content.

Data Dictionary

* **Text**: The main body of the news article