

## Company Info & Financial Analyzer - Technical Report

### Approach:

This application allows users to analyze a company by name. It uses a language model to generate a set of related URLs and scrapes content from those URLs using BeautifulSoup and Playwright.

### Model Selection:

We selected Google's Gemini model (`gemini-1.5-flash-latest`) via the LangChain framework due to its performance in reasoning, summarization, and instruction following. The model is used to:

- Generate relevant URLs
- Summarize scraped content
- Perform financial/fundamental analysis

### Data Preprocessing:

We perform URL validation to exclude social media and scrape pages using BeautifulSoup for static content and Playwright for JavaScript-heavy pages. We clean HTML by removing tags like `