Project: Flask Project Document   🗨 8

Flask Project Document

In this project, we will develop four robust API endpoints to facilitate seamless data retrieval and analysis:

Company Information Endpoint: This endpoint will retrieve detailed company information, such as the full company name, business summary, industry, sector, and key officers' names and titles, by accepting a valid company symbol as input. The data will be sourced using the Yahoo Finance API.

Stock Market Data Endpoint: This endpoint will fetch real-time stock market data, including market state, current market price, price change, percentage change, and other relevant metrics, for the specified company symbol.

Historical Market Data Endpoint: Designed to handle JSON payloads via POST requests, this endpoint will return historical market data (start date, end date, etc.) for the specified company symbol within a given date range.

Analytical Insights Endpoint: This endpoint will perform a comprehensive analysis of the company based on the provided historical data and deliver actionable insights derived from the analysis.

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