

BCG X AI Chatbot - Summary

How It Works

The **BCG X AI chatbot** is designed to help users retrieve **financial data** using predefined queries. It allows users to select:

- A **company** (Apple, Microsoft, Tesla)
- A **financial metric** (e.g., Total Revenue, Net Income)
- A **fiscal year** (2022, 2023, 2024)

Once the user submits the query, the chatbot fetches relevant data from an **Excel database** using **Flask and Pandas**, then displays the requested financial information.

Predefined Queries

Users can choose from the following metrics:

- **Total Revenue**
- **Net Income**
- **Total Assets**
- **Total Liabilities**
- **Operating Cash Flow**
- **Revenue Growth (%)**
- **Net Income Growth (%)**

Limitations

- The chatbot **only supports predefined companies and financial metrics**.
- It relies on an **Excel file** for data, meaning updates require manual file modifications.
- It **does not generate predictions** or conduct deep financial analysis beyond displaying stored data.
- User inputs must **exactly match** available records, or they will return "Oops! Unable to find data."

INTERFACE 1 :

BCG X AI Chatbot

Your AI-powered financial analysis assistant

[Get Started](#)

Key Features

Real-Time Insights

Analyze financial data instantly with AI-powered predictions.

Interactive Chat

Get financial guidance through intelligent chatbot conversations.

Why Choose BCG X AI?

BCG X AI leverages cutting-edge technology to provide precise financial insights, helping businesses and individuals make informed decisions.

INTERFACE 2 :

BCG X AI - Financial Analysis

Select a company and financial metric to retrieve data.

Select a Company:

☐ Apple

☐ Microsoft

☐ Tesla

Select a Financial Metric:

Total Revenue ▼

Select a Year:

2022 ▼

[Submit](#)

The Total Revenue of Apple in 2022 is 394.3 billion Dollars