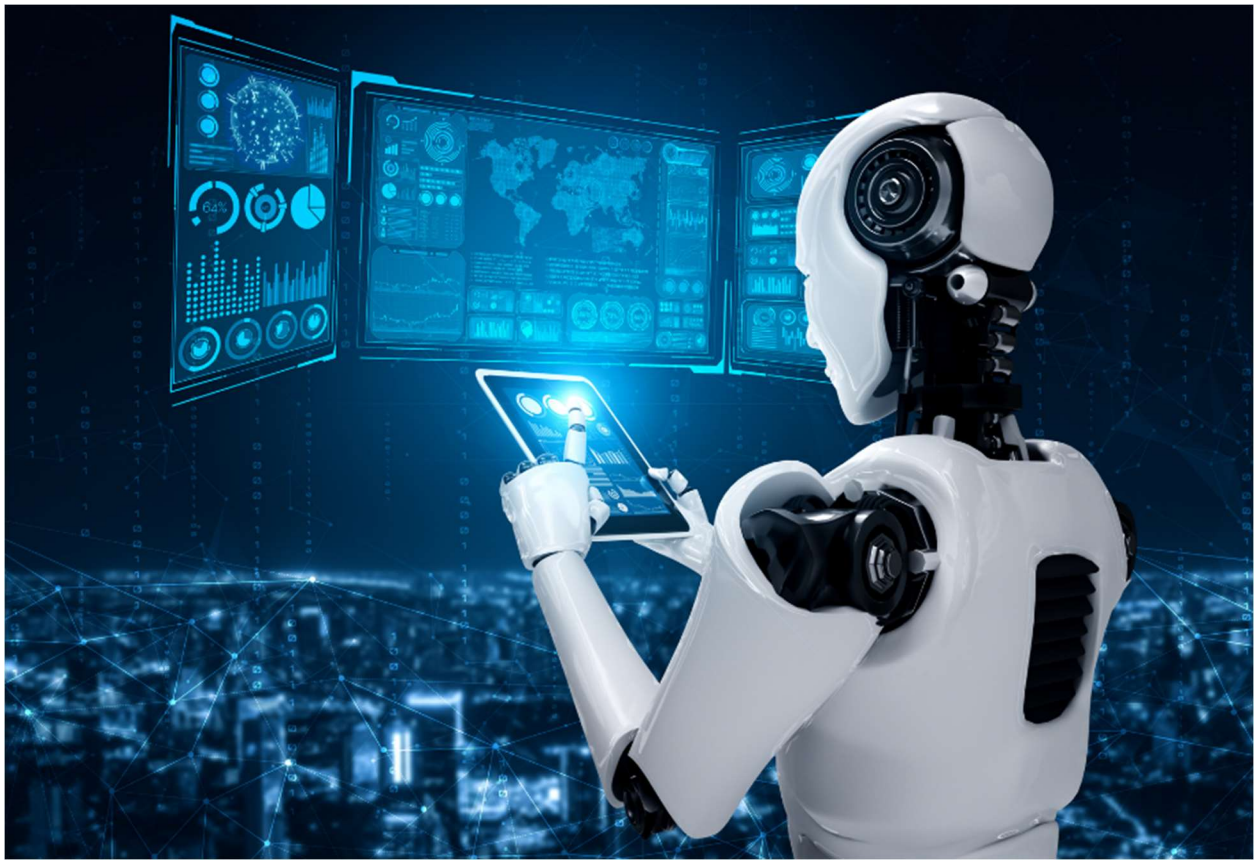
Project: Analytics GPT (Prototype)

Name: Muhammad Salman Rafique

Masters in AI student at Kuala Lumpur, Malaysia

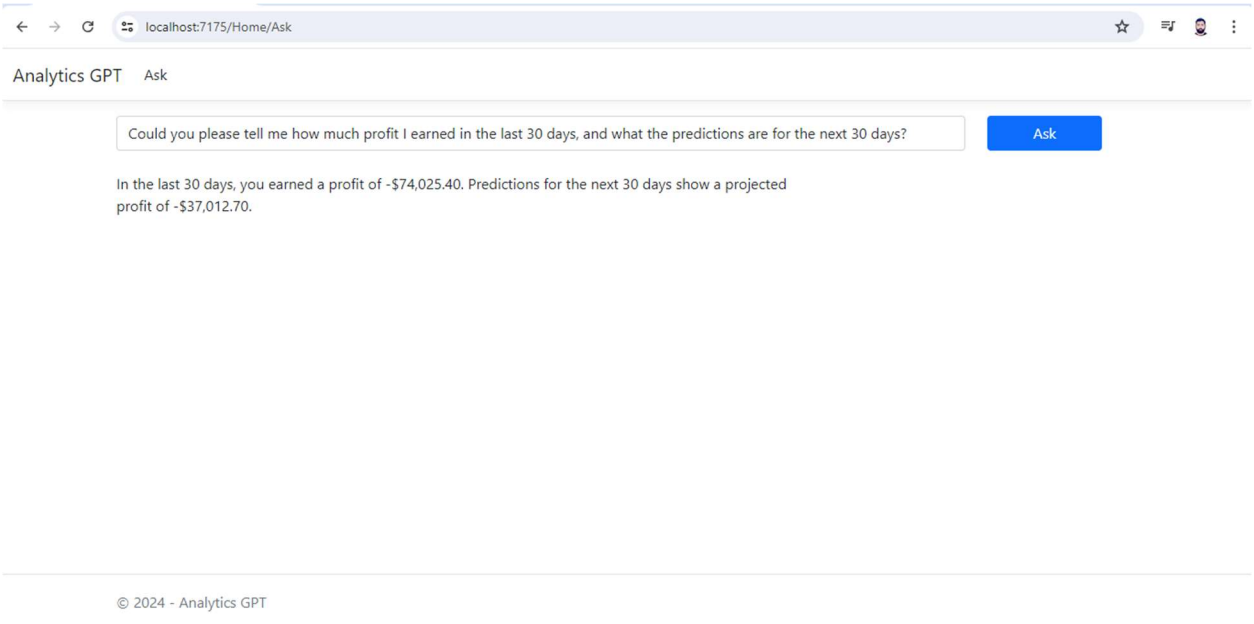
Introduction

Analytics GPT is an advanced AI chat model that serves as a business assistant, analyzing transactions, sales, profits, and losses. It provides predictive forecasts for the future and answers current business trends, empowering businesses to optimize decision-making and maintain a competitive advantage effortlessly.



Abilities To Do

Analytics GPT is a business AI chat assistant that responds to your questions related to your business domain.

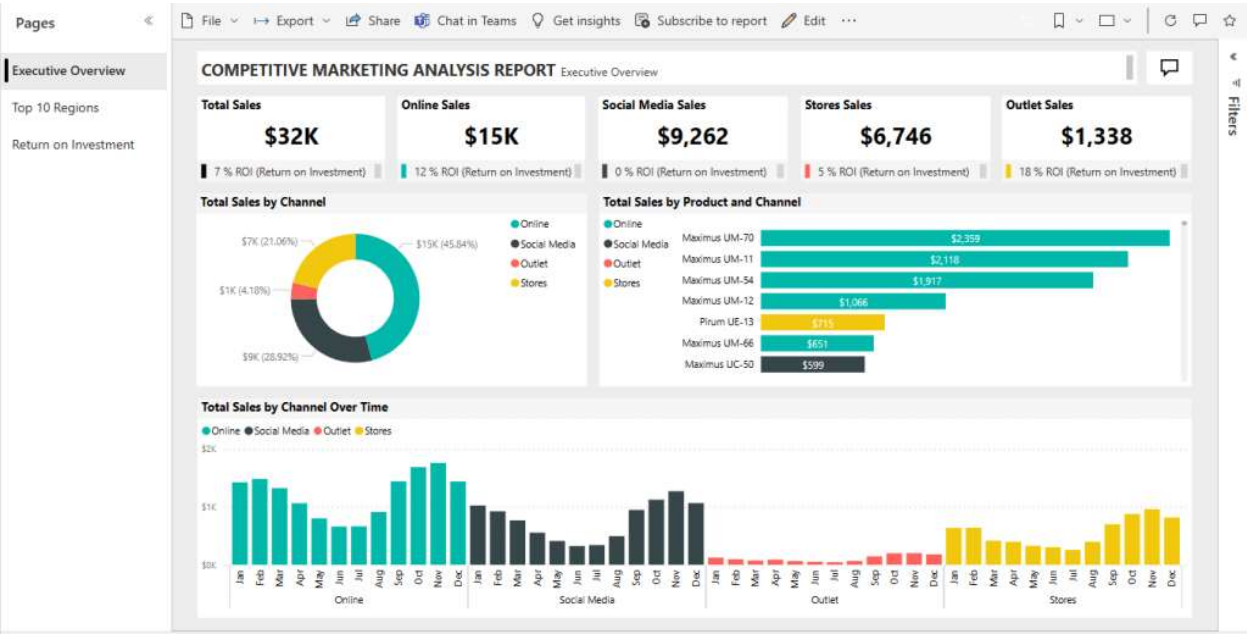


Upgrading to Next generation

Currently our AI chat assistant can only response to questions. I have aim to create a dynamic Graphical response like Charts, Grids in response to questions and allow users to added dynamically in their dashboard. Users can ask what they want, and our AI assistant can generate charts or tables whatever asked and will able to add into dashboard.

Existence Problems and Model

Existent business dashboards tools like BI intelligence only show static dashboards tools like charts to users. We must do a lot of development to re-factor according to business needs.



Advanced AI Business Assistant

We are upgrading Analytics GPT to an Android/iOS app assistant that uses natural language processing (NLP) to interact with users. User will speak to the assistant, and it will respond to user using voice, like Amazon Alexa or Apple Siri.

How AI Assistant Works

Step 1: The user sends a query.

Step 2: We pass the user query and database schema to ChatGPT to generate an SQL server database query based on the user's question.

Step 3: ChatGPT responds with the SQL server database query.

Step 4: We execute the SQL server query on the database and retrieve a response.

Step 5: We parse the database result into JSON format.

Step 6: We pass the JSON result back to ChatGPT to format a user-friendly answer.