**Chatbot Summary**

The chatbot is an AI-powered system designed to interact with users and generate SQL queries dynamically based on natural language inputs. It enables efficient and automated retrieval of inventory, sales, and revenue data from a relational database.

By leveraging **LangChain**, **SQLAlchemy**, and **Google Generative AI**, the chatbot interprets user queries, formulates accurate SQL statements, executes them, and presents meaningful responses. Chatbot uses **Streamlit** library for front-end.

It supports complex queries such as inventory tracking, sales analysis, discount calculations, and revenue forecasting.

The chatbot enhances business intelligence by providing quick insights, reducing manual query formulation, and enabling non-technical users to interact seamlessly with the database.