**Professional Portfolio: AI Lab Project Showcase**

**Title:** Assessing an LLM Using a Structured Prompt & Developing a Subscription & Payment Management Chatbot

**Objective:** The goal of this project was to explore structured interactions with a LLM and to develop a functional AI-powered **Subscription & Payment Management Chatbot**. The project emphasized AI testing, backtesting methodologies, and completing structured AI-driven tasks to evaluate model responses and enhance chatbot efficiency.

**Process:**

1. **LLM Testing & Backtesting:**
   * Designed a structured prompt to assess LLM response variability.
   * Conducted controlled experiments to evaluate **output consistency, adherence to constraints, and adaptability**.
   * Applied **iterative refinements** to optimize prompt effectiveness based on observed behavior.
2. **Chatbot Development:**
   * Defined key functionalities such as **subscription tracking, payment notifications, and budgeting alerts**.
   * Trained chatbot models to recognize user queries and automate financial tracking responses.

**Tools Used:**

* **GitHub Pages** – Hosting and presenting the project documentation and chatbot demo.
* **ChatGPT & LLM API** – Testing structured prompts and analyzing AI responses.

**Value Proposition:**

* Demonstrates **AI-driven financial management** and chatbot integration with real-world applications.
* Showcases expertise in **prompt engineering, AI model evaluation, and iterative learning**.
* Acts as a **learning resource for AI practitioners** interested in structured LLM interactions and chatbot development.

**Portfolio Access:** This project is hosted on **GitHub Pages**, making it accessible for review, collaboration, and potential enhancements. Visitors can explore the structured prompt analysis, view chatbot functionalities, and gain insights into AI-driven automation for financial management.

Chatbots AccessLink :

**https://www.chatbase.co/dashboard/nandyyy66s-team/chatbot/mMy72h5NCayGS70avLH8A**

[**https://mizou.com/preview-bot?ID=66036**](https://mizou.com/preview-bot?ID=66036)

**GitHub Pages Link:** <https://github.com/ChandraPrakashA/Professional_Portfolio>