Hackathon Spring 2025

AI AGENT

Hackathon Event Info

Goals:

- Use business analytic knowledge to solve real-world problems
- Learn team-work, increase technical skills and improve presentation styles
- Obtain scholarship/cash prize
  - Winner: $500
  - 1st Runner-Up: $250
  - 2nd and 3rd Runner-Up: $100 each team
  - All teams will receive participation prize

Hackathon Event Format

A virtual 6-day event from 4/22 to 4/27
- 4/22: Kick-Off Meeting
  - Team up to 4 members (can be a single person)
- 4/27: submit a 10-min PowerPoint presentation to son.bui@tamuc.edu by midnight (use narration feature in PowerPoint)
  - If there is a tie, teams will defense in a live Q&A section
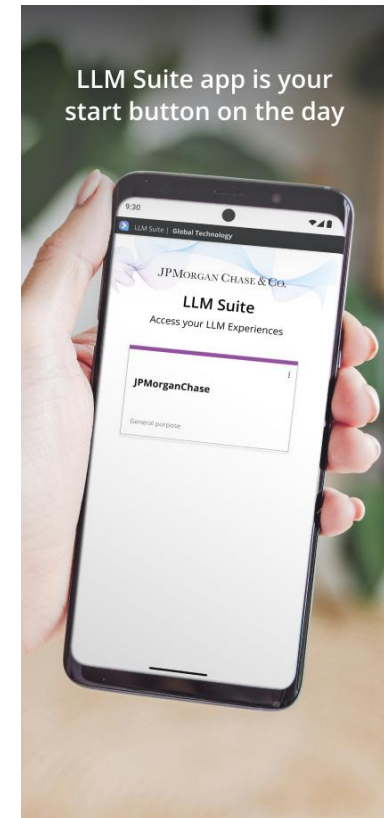- **4/29: Winner Announcing 4:00 pm – 5:00 pm at DAL 848-849 (tentative)**

Presentation rubric:
- 15% - Problem Introduction – Understanding what company's business goals are as well as their KPI
- 35% - Analysis/Findings Results – Analyzing factors impacting success metrics (quality, depth, and uniqueness)
- 35% - Impactful Recommendations – Providing actionable and meaningful recommendations for business improvement
- 15% - Professionalism and Communication Skills – Presenting in a polished and professional manner.
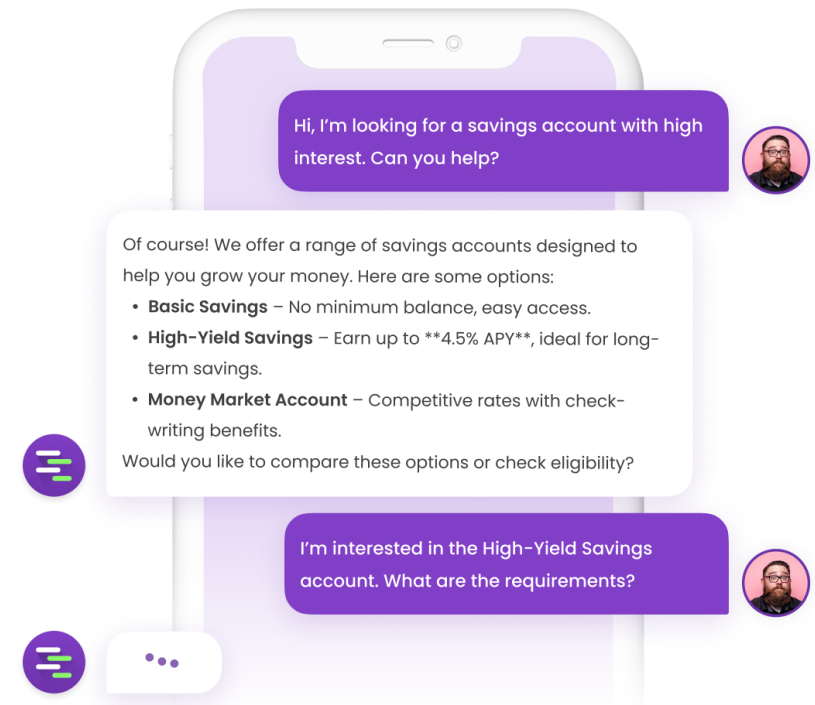
Financial AI AGENT

JP Morgan Case Study

- Biggest financial bank in US

- Use AI Agent to create:
  ◦ Automation
  ◦ Personalization
  ◦ Operation Efficiency

Business Questions

- There is no support for customers:

- Lack of financial advisor AI: guide customers through buying products

- Lack of financial document analysis support: no functions allow customer to upload and analyze their financial documents (10-K, 10-Q etc.)

- Requirements:

- Build friendly AI chatbot user interface to support basic financial customer service (upload documents, guide purchase products etc.)

Where to start?

Form a team with people who have different stills

Learn how to build AI Agent:
- ◦ Data Camp: [Creating an AI Agent for Financial Report Analysis](#)
- ◦ Open AI: [Build AI Chat Bot using ChatGPT API 👉 gpt-3.5-turbo 👈 #chatgpt #openai](#)

Presentation:
- ◦ Avoid too long sentence
- ◦ Recommend to watch: https://www.youtube.com/watch?v=neUnK7a6N5E&feature=emb_logo

Q&A