

Assignment 1: create a webapp

Description

Create a webapp, let an AI chatbot generate the code.

Ideation

The webapp is called “Movie Character Financial Advisor” and gives you personal financial advice based on your financial health and your chosen movie character.

Instructions

- Navigate to the GitHub repo
- Start GitHub Codespace (see README)
- Fill in the missing code
- Use any LLM / Chatbot you like
- Get creative and don't be limited by the existing code

Tips

- Write the most accurate prompt possible
- Include context that the chatbot needs to generate the code you need
 - Existing code snippets
 - Framework / language
- Errors? Ask the chatbot what to do

Sources

- [Streamlit reference](#)
- [OpenAI API reference](#)

<https://github.com/MitchelNijdam-Rockstars/dnb-ai-hackathon>

Assignment 2: AI code analysis

Description

Let the LLM from OpenAI analyze your code.

Ideation

Send a system prompt + the source code of assignment 1 to the API from OpenAI. Display the results on screen.

Instructions

- Continue in the GitHub Codespace
- Use any language / script / tool you want
- Send the prompt + code to OpenAI API
- Visualize the response
- Optimize the prompt!

Tips

- Streamlit can read the files and send them to OpenAI
- Ask your favorite LLM to generate the code for it

Sources

- [Streamlit reference](#)
- [OpenAI API reference](#)

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AI Hackathon DNB