BCG_GenAI_demo

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1 Boston Consulting Group GenAI project

1.1 GenAI Chatbot prototype

1.2 Author: Sarah Pfeiffer

Focus: Implement a rule-based logic for a chatbot

Python script: GenAI.py

Test run screenshot: GenAI_chatbot.png

Description: The python script executes a simple dialogue using print and input statements. The financial answers are from the Microsoft data in the analysis. The end user responses are changed to lower case, then compared using if-elif-else statements.

Predefined queries: The chatbot can respond to the following predefined queries:

```
* What is net income?
* What is the debt ratio?
* How has total revenue changed?
* What was total liabilities in 2022?
* How has cash flow operations changed?
```

Limitations: In order for the bot to respond to questions, the text of the questions must match the text in the script. This script does not use matching logic looking for required words to find the appropriate response to the end user question.

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