

Flipped Interaction Pattern

Instructor

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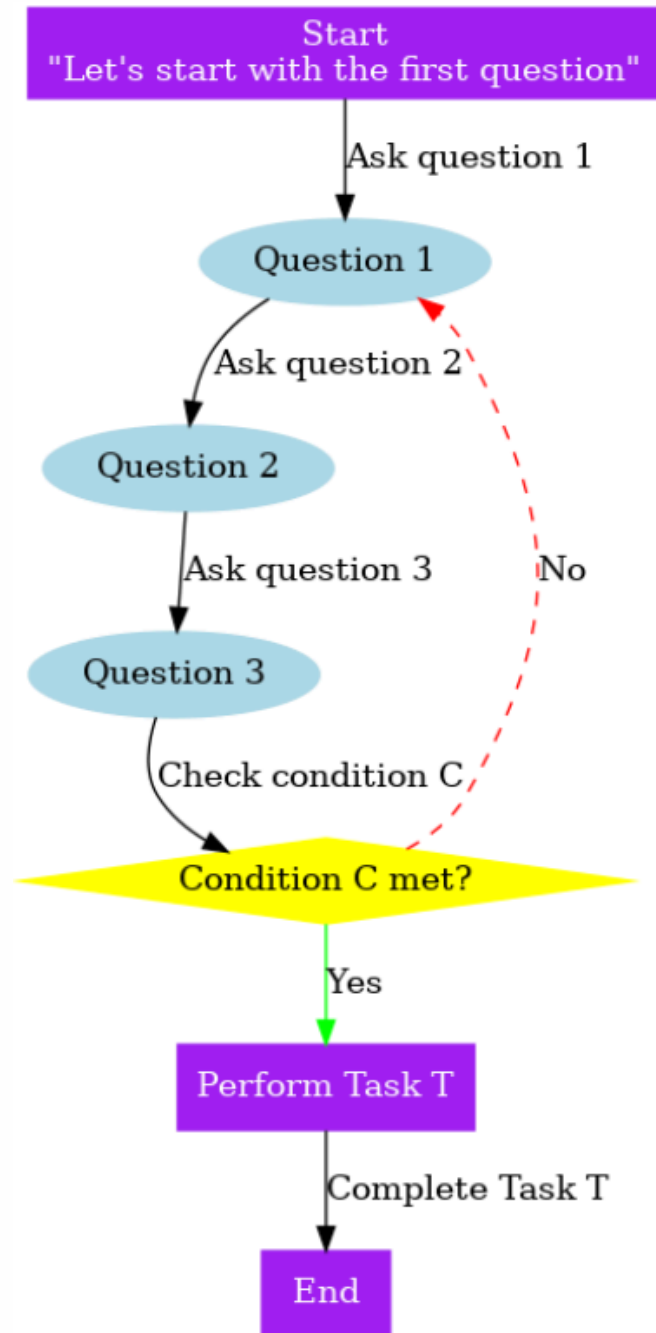
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Flipped Interaction Pattern




- To use the Flipped Interaction Pattern, your prompt should incorporate these fundamental contextual cues:
 - I would like you to **ask me questions** to **achieve task T**
 - You should ask questions (optionally about 1, 2, 3,...) **until condition C is met** or you have **enough information to do task T**
 - Ask these questions one by one
 - Let's start with the first question
- You will need to replace "T" with an appropriate task or problem, such as "creating a data science project plan". You can specify when questions can be stopped if a specific condition C is satisfied such as "until you have enough information about the data science project". You can even specify some sample topics it can ask questions about

Flipped Interaction Pattern


Example

- **I would like you to ask me questions** to build a detailed project plan for a data science project. Ask me questions until you have enough information to build this project plan. You can ask questions about the problem, resources, data, and any other relevant questions. Ask me one question at a time. Let's start with the first question.

Flipped Interaction Pattern - Examples




I would like you to ask me questions to build a detailed project plan for a data science project. Ask me questions until you have enough information to build this project plan. You can ask questions about the problem, resources, data, and any other relevant questions. Ask me one question at a time. Let's start with the first question.




Of course! Let's begin by understanding the problem you aim to solve with your data science project.

1. What is the specific problem or goal you want to address with this data science project?
Please provide a detailed description of the problem you are trying to solve or the goal you want to achieve.




We want to build a predictive model to detect fraudulent transactions in our bank




Great, detecting fraudulent transactions is a common and crucial problem in the financial sector. To build a detailed project plan, we'll need more information. Let's continue:


1. Could you specify the types of transactions you are dealing with (e.g., credit card transactions, online banking transfers)? Are there any specific aspects or challenges related to the transactions that we should be aware of?




We are dealing with credit card and online banking transactions both




Thank you for specifying the types of transactions. Now, let's move on to the next set of

 Regenerate

Flipped Interaction Pattern - Examples



Can you also add in detailed tasks for each data scientist for each week and suggest tools to be used in each major milestone



Certainly, let's break down the tasks for each data scientist and suggest tools for each major milestone:

Week 1: Project Setup and Data Preparation

Data Scientist 1 Tasks:

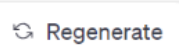
- Collect and consolidate transaction data.
- Perform initial exploratory data analysis (EDA).
- Preprocess and clean the data.
- Handle missing values and outliers.
- Create an initial feature list.

Data Scientist 2 Tasks:

- Conduct a more in-depth exploratory data analysis.
- Feature engineering: Create additional relevant features.
- Split the data into training and testing sets.
- Explore visualization tools (e.g., Matplotlib, Seaborn) for EDA.

Tools:

- Data collection: Python libraries like Pandas, NumPy for data handling.
- EDA and visualization: Matplotlib, Seaborn, Jupyter Notebook.
- Data preprocessing: Scikit-learn for data preprocessing tasks.



Thank You
