Fan-Out Questions

- Fan-Out questions are information-seeking questions that require some information about a list of entities

- They are commonly found in day-to-day scenarios:

- Performing a literature review (fan-out over papers)

- Planning a trip (fan-out over attractions, hotels, etc)

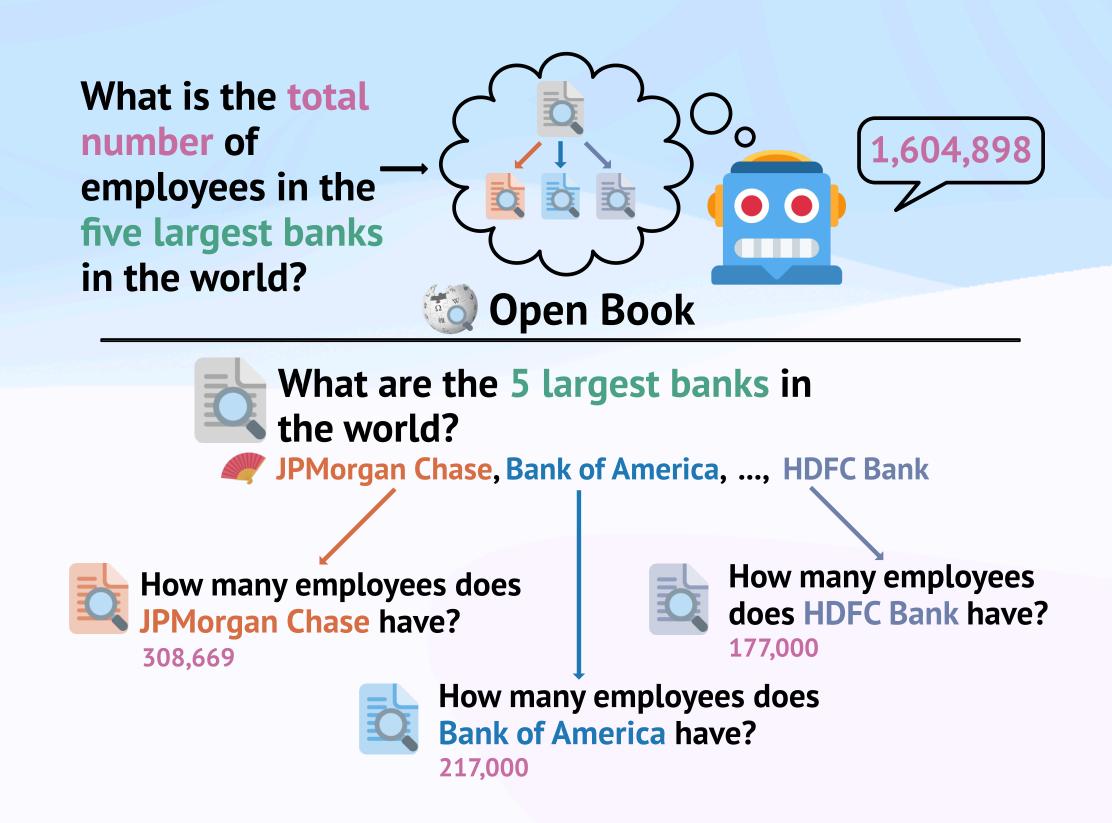- Choosing where to eat (fan-out over restaurants)

- Easy (but tedious) for humans to solve, but challenging for LLMs due to the amount of information needed

Fan-Out Questions

- Fan-Out questions are information-seeking questions that require some information about a list of entities

- They are commonly found in day-to-day scenarios:

  - Performing a literature review (fan-out over papers)

  - Planning a trip (fan-out over attractions, hotels, etc)

  - Choosing where to eat (fan-out over restaurants)

- Easy (but tedious) for humans to solve, but challenging for LLMs due to the amount of information needed

FanOutQA
A benchmark of fan-out questions

What is the **total number** of employees in the **five largest banks** in the world?

Open Book

1,604,898

What are the **5 largest banks** in the world?
🪭 JPMorgan Chase, Bank of America, ..., HDFC Bank

How many employees does **JPMorgan Chase** have?
308,669

How many employees does **Bank of America** have?
217,000

How many employees does **HDFC Bank** have?
177,000