Lab 5: Get statistics on open AI usage.

This document describes how to build a powerBI report to query the Azure Cosmos DB of the completions table issues of the previous lab.

Pre-requisites

Ensure that you have the following software installed on your system before proceeding with the lab:

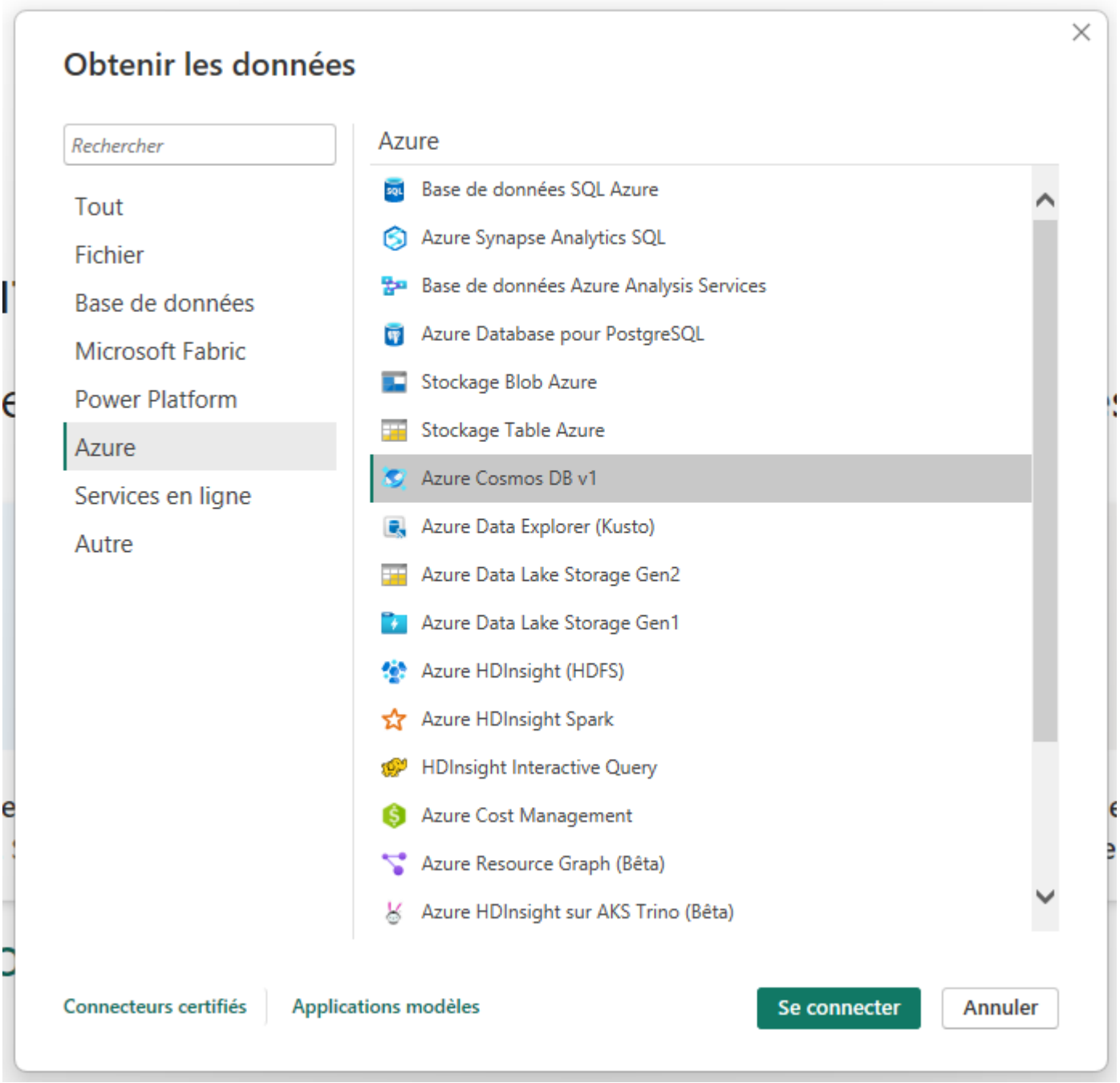
- PowerBI desktop on your laptop

Launch powerBI desktop on your laptop.

Follow these steps to create a simple report that will give you some statistics on the usage of open AI.

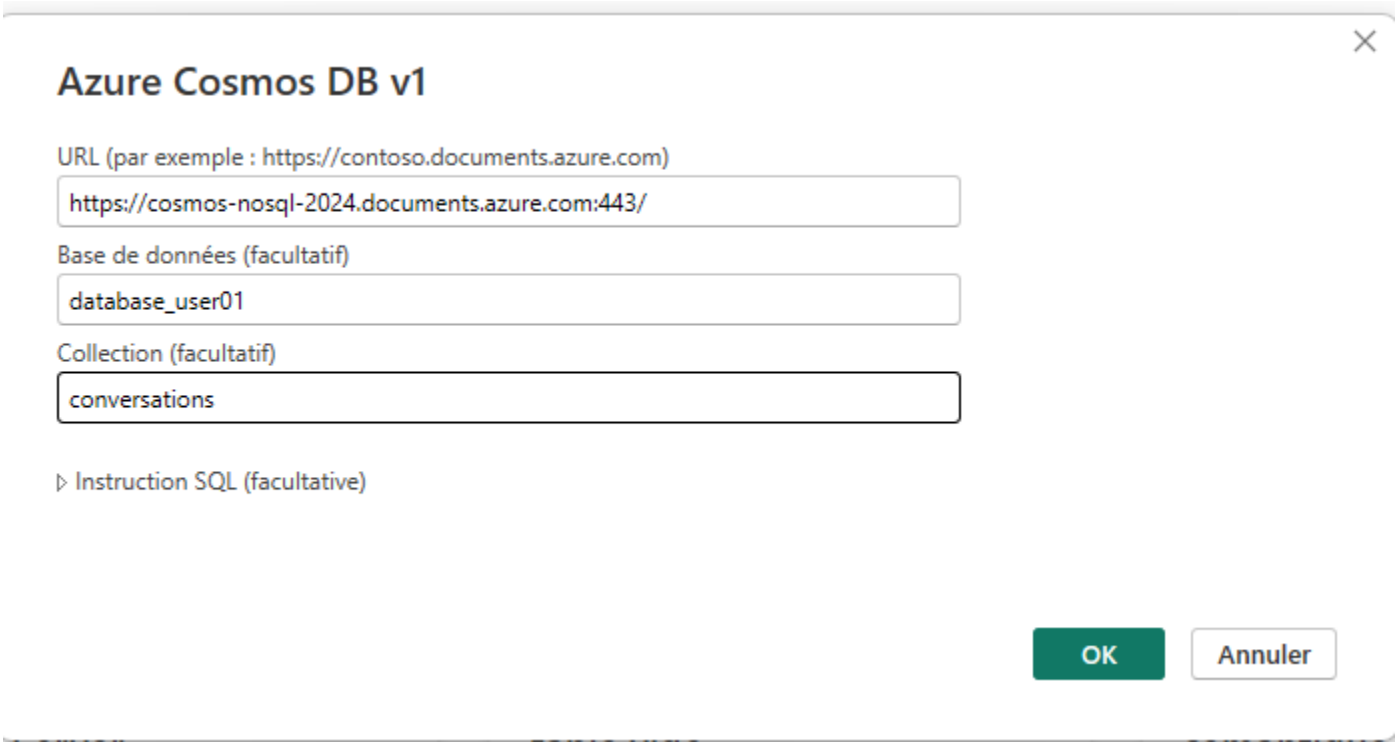
Launch PowerBI desktop and connect to your data.

- Open powerBI desktop
- Click on create new report
- On the report, go to “get data.”
- Select the Azure type of data and take Azure cosmos dB V1 like below.

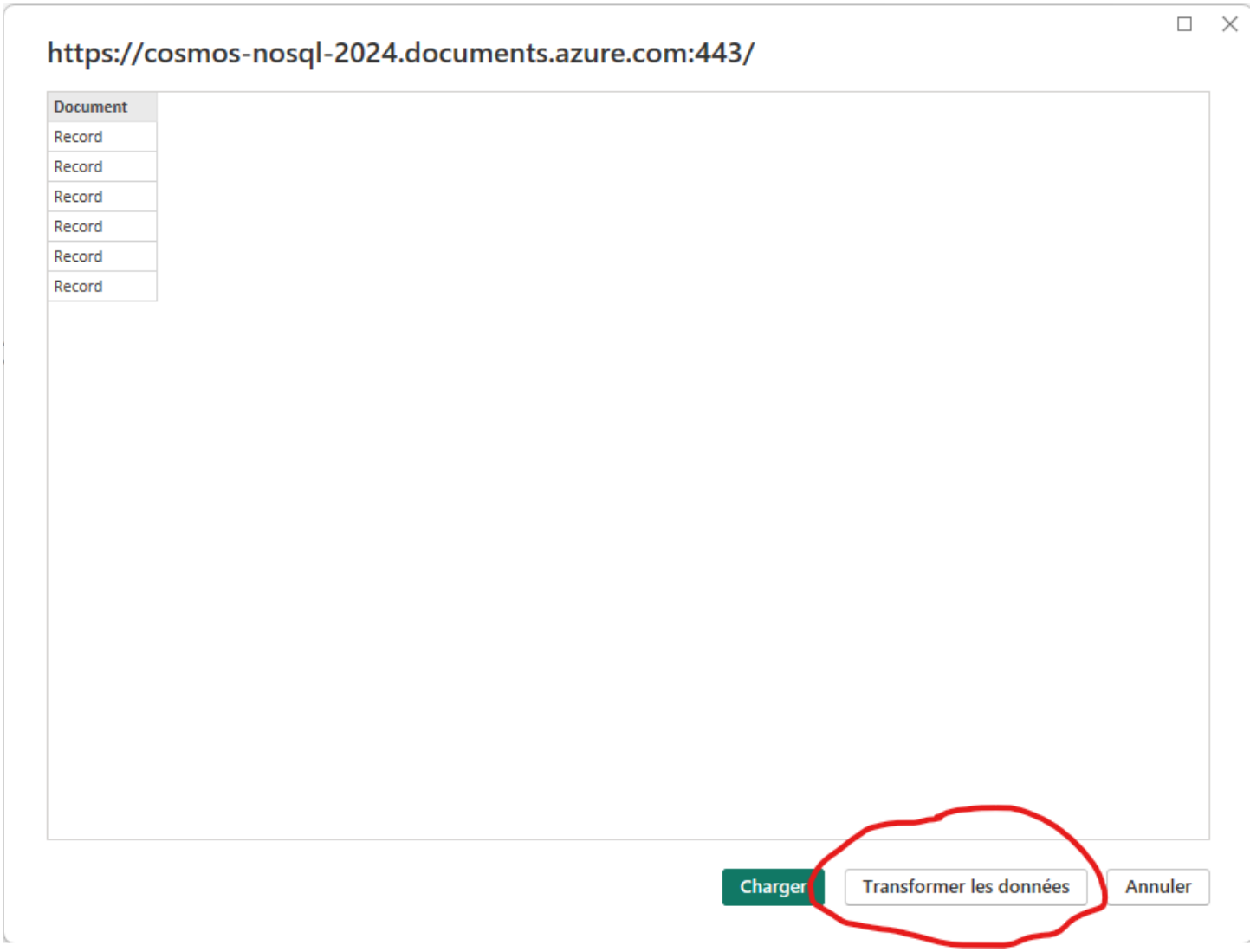


- Click on connect.
- Add the cosmos dB endpoint.

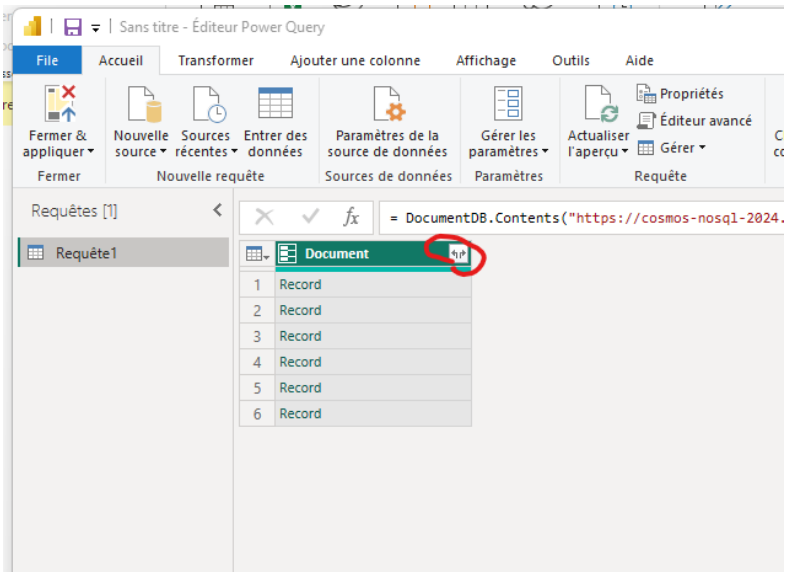
- To find the cosmos DB endpoint in the azure portal in your cosmos DB account go the Key parameters and you will see the endpoint and the key to connect with powerBI to the cosmos add your database and the name of your collections.



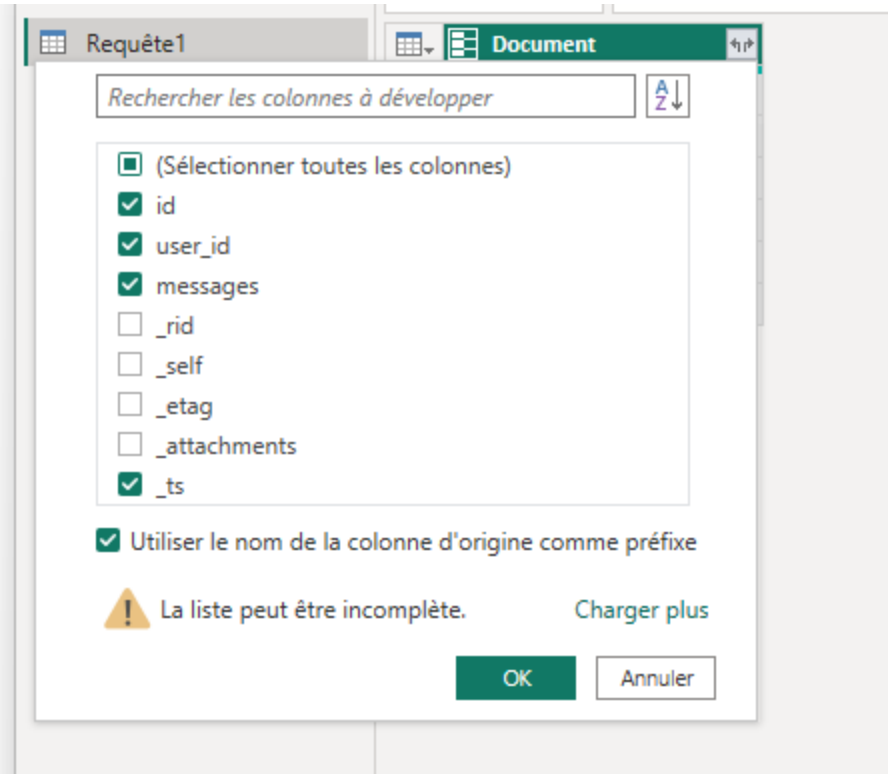
- Click on OK
- Add the key to your cosmos dB account.
- The data should appear as below.



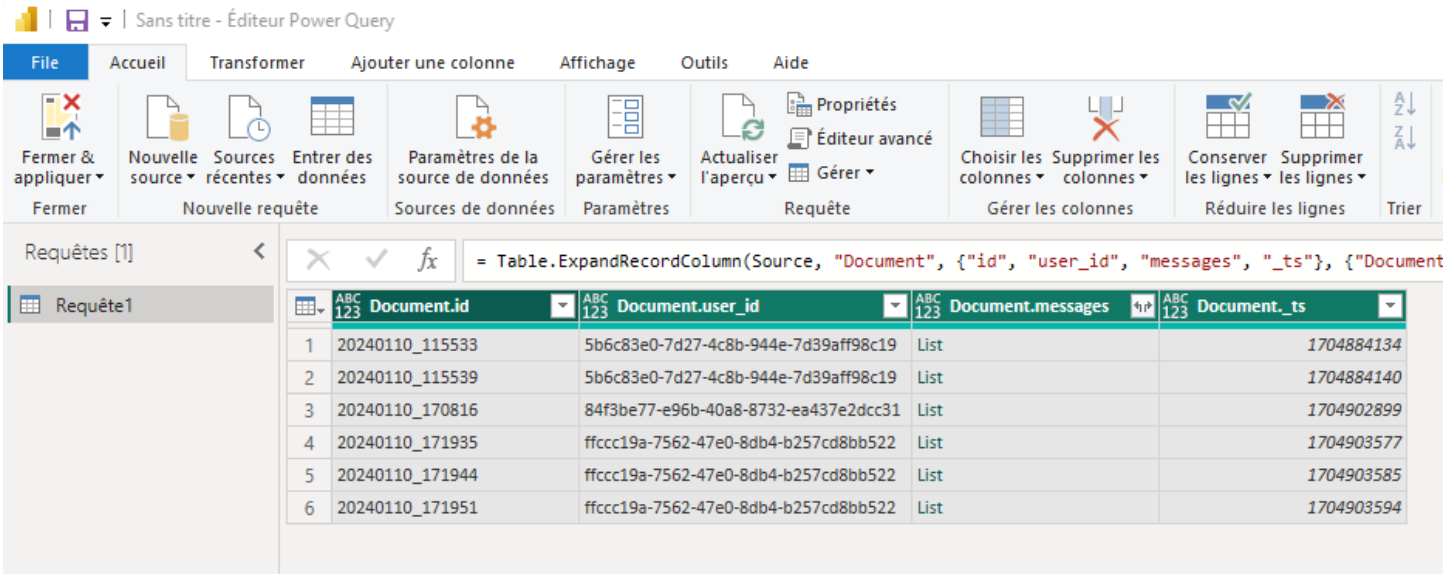
-
- Click and transform your data to format the data.
- Click on the extend to extend like below.



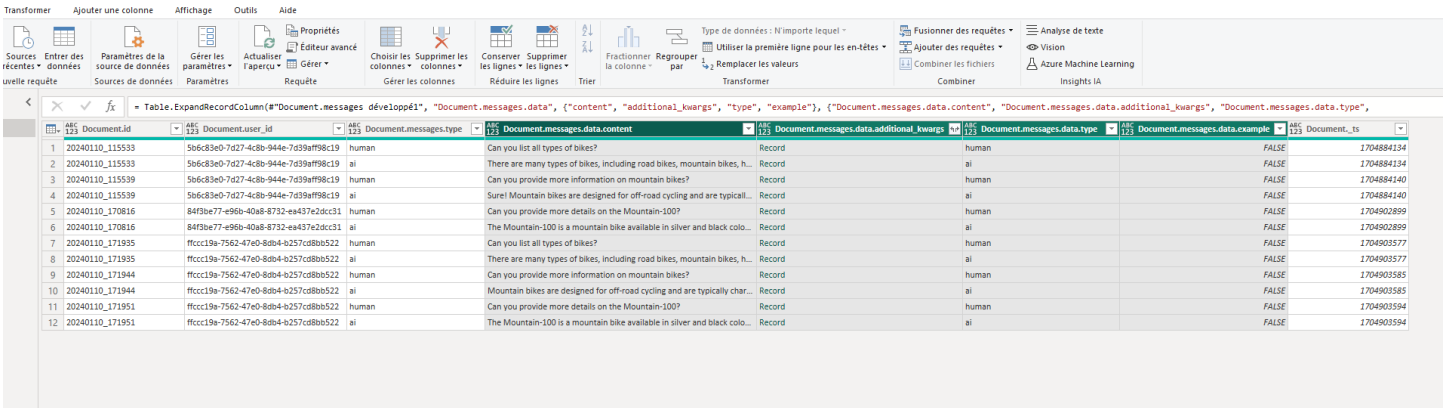
-
- Unselect some columns like below.



- Click on ok.
- Repeat the operation for Documents.messages and Documents.messages.data

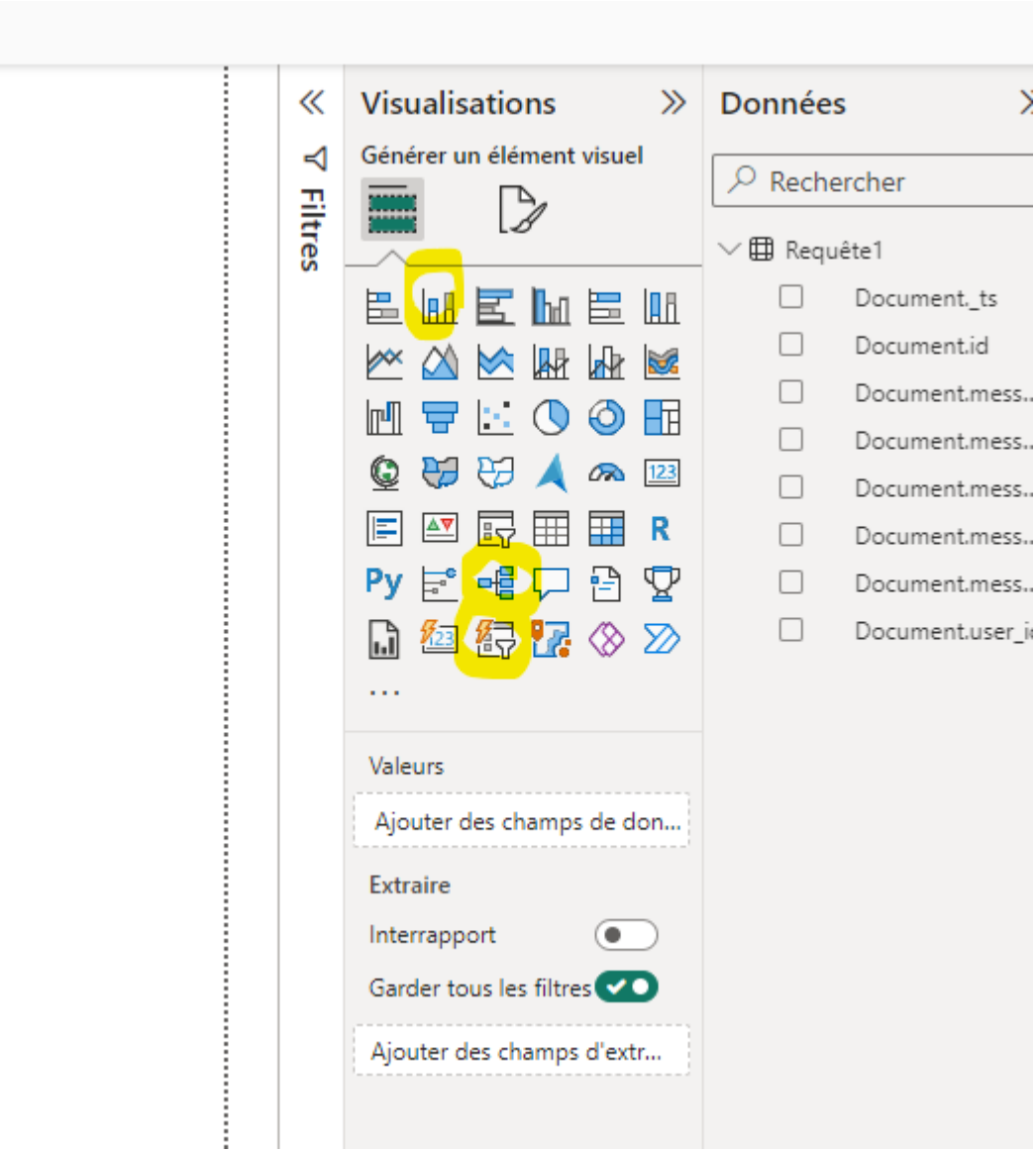


-

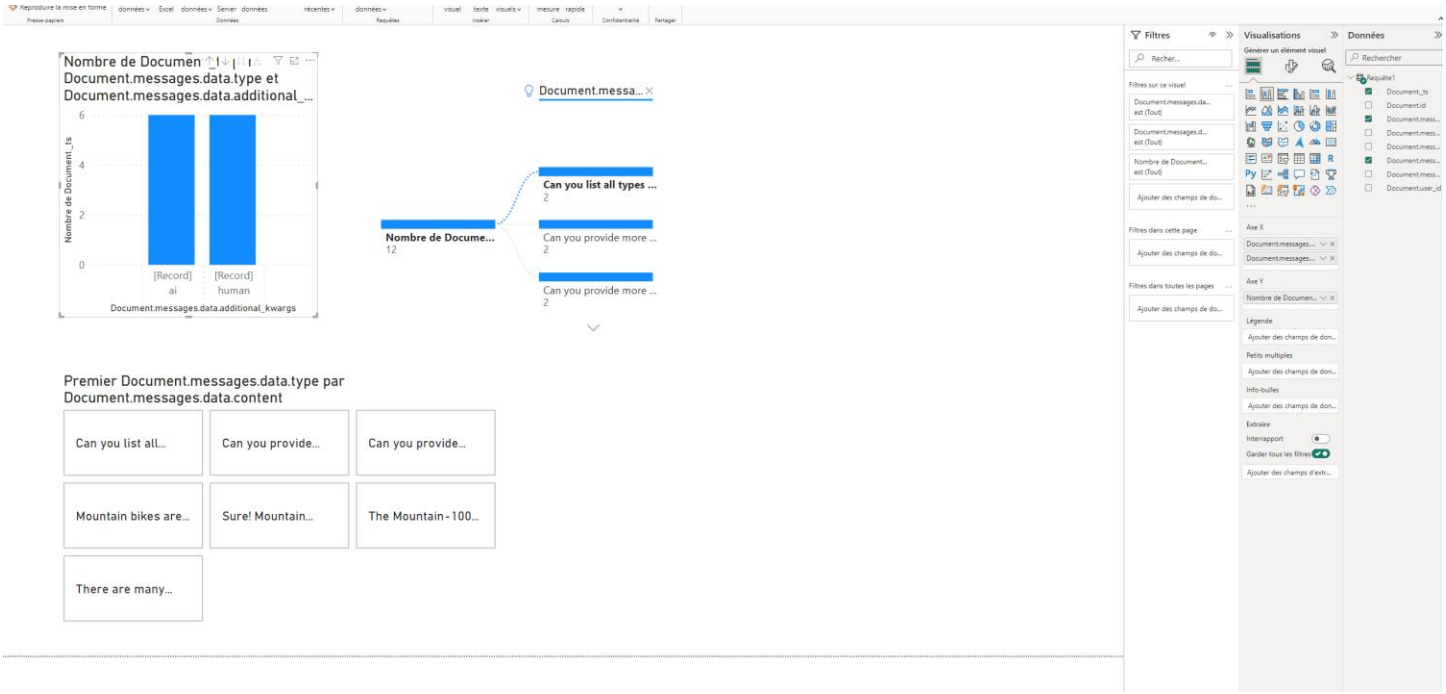


- Click on the closet and apply.
- The data will be load and you can now build your report.

In visual do a report using the three following visual



To obtain the following report



You can play with other visuals and analyze the data on how open AI is use with your data.