Search:

I think one good search feature would be to let the user input an ingredient and then display the DataFrame table of all recipes containing that ingredient.

It may also be useful (not as search functionality per se) to use the QuerySet & DataFrame to filter recipes by difficulty, so if a user is a novice cook and wants to browse easier recipes, they can filter to view only easy difficulty results. I would make this a future enhancement to the project. It could be an additional filter for the first search criteria to say, "I would like to search recipes containing 'cheese' that also have 'Easy' difficulty".

Data Analysis:

1. Bar Chart
   - x-axis : Users
   - y-axis : Number of recipes created by each user

2. Pie Chart
   - Number of recipes that do/don't contain a search ingredient

3. Line Chart
   - Displays total number of recipes for each difficulty rating.
   - x-axis : Difficulty (Easy, Intermediate, Hard)
   - y-axis : Number of recipes for each category

Execution Flow:

The user journey will follow these steps and sent as a video file:
1. Land on homepage
2. Log In
3. Search for recipe (noting graphs)
4. View list of recipes containing "Cheese"
5. View details of a recipe from search results
6. Logout