

Task 2.7

Data Analysis

Users should be able to search for the recipes and display data about the ingredients, cooking time, difficulty, id, name and picture.

Search for BURGER recipes

Recipe title:

Chart type:

Bar chart

search

no data

I would like to set them as per user discretion which shows the details about the recipes. The app should be able to extract the information from recipes that is required from the database as a QuerySet, then convert the QuerySet to the pandas framework and then display a table.

Search for BURGER recipes

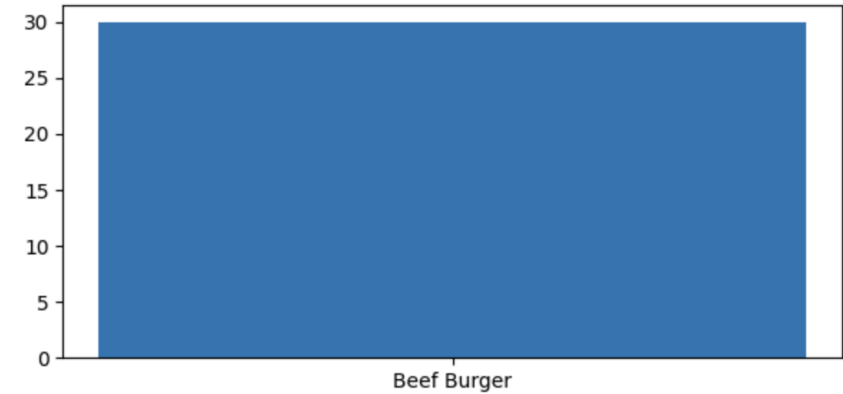
Recipe title:

Chart type:

Bar chart

search

	id	cooking_time	difficulty	ingredients	name	pic
0	Beef Burger	30.0	Intermediate	Beef Patty, Buns, Lettuce, Tomato, Ketchup, Mayo	Beef Burger	recipes/Beef_Burger.jpeg



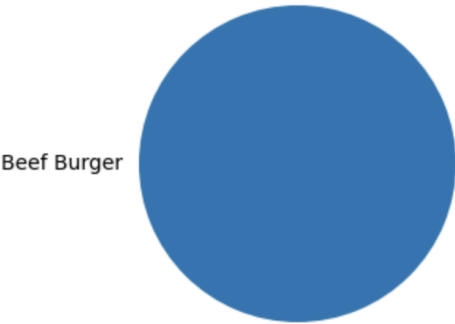
Above image shows search when searching beef burger

This app shows the data visualization on the Burger search page using the installation of matplotlib library. As per the chat we can see the cooking time and the name of the burger on the x and the y axis.

Search for BURGER recipes

Recipe title: Chart type:

	id	cooking_time	difficulty	ingredients	name	pic
0	Beef Burger	30.0	Intermediate	Beef Patty, Buns, Lettuce, Tomato, Ketchup, Mayo	Beef Burger	recipes/Beef_Burger.jpeg



Search for BURGER recipes

Recipe title: Chart type:

	id	cooking_time	difficulty	ingredients	name	pic
0	Beef Burger	30.0	Intermediate	Beef Patty, Buns, Lettuce, Tomato, Ketchup, Mayo	Beef Burger	recipes/Beef_Burger.jpeg



Execution Flow:

Following images show the flow of the user on the app

HOME OF THE BURGER

[Login](#)





Login

Username: Password:

Recipes' list

[Logout](#)

Recipes Titles	Recipes' Images
Chicken Burger	
Beef Burger	

Details: Chicken Burger

Name: Chicken Burger
Cooking Time: 20.0
Difficulty: Intermediate
Ingredients: Chicken Patty, Buns, Lettuce, Tomato, Mayo, Ketchup, Cucumber



Search for BURGER recipes

Recipe title:

Chart type:

Bar chart ▾

search

no data