Task 2.7

Users will look to search for their favorite recipes by name and be able to get information pertaining to that recipe. While searching they will be provided with the recipe name, ingredients, and cooking time. A graph will be displayed for either a bar, pie, or line chart. Each graph will show a total cooking time of the recipe or compare the cooking times of the same type of recipe, for example pizza. There are dozens of ways to make a pizza so if the recipe app has multiple pizza's listed, you will be able to compare them all. The graphs will shows all recipes listed as pizza and depending on the user's choice will be able to see a graph comparing the cooking time of each particular style of pizza.

DATA ANALYSIS

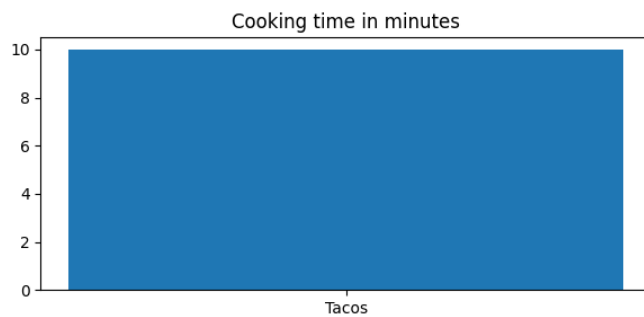Bar chart: graph used to show the length of time to cook a recipe.

x-axis = recipe name

y-axis = cooking time in minutes

Search for recipes

Recipe name: [Tacos_____]   Chart type: [Bar chart ▼] [search]

	recipe_id	recipe_name	ingredients	cooking_time	pic
0	Tacos	Tacos	corn tortillas, ground beef, lettuce, tomato, cheese, salsa	10	recipes/tacos.jpg

Cooking time in minutes — Tacos
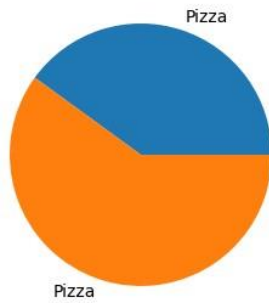
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Pie chart: graph used to show the cooking time while comparing the same type of recipes.

Search for recipes

Recipe name: Pizza   Chart type: Pie chart ▾ search

	recipe_id	recipe_name	ingredients	cooking_time	pic
0	Pizza	Pizza	dough, cheese, pepperoni, mushrooms	20	recipes/pizza.jpeg
1	Pizza	Pizza	dough, sausage, mushrooms, sauce, cheese	30	recipes/sausage_pizza.jpg

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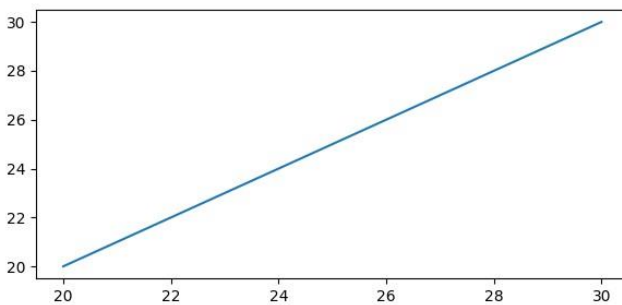Line chart: graph used to show the difference of cooking times between the same type of recipe.

x-axis = cooking time (recipe 0)

y-axis = cooking time (recipe 1)

Search for recipes

Recipe name: [Pizza   ]   Chart type: [Line chart ▾] [search]

	recipe_id	recipe_name	ingredients	cooking_time	pic
0	Pizza	Pizza	dough, cheese, pepperoni, mushrooms	20	recipes/pizza.jpeg
1	Pizza	Pizza	dough, sausage, mushrooms, sauce, cheese	30	recipes/sausage_pizza.jpg

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EXECUTION FLOW