

## **Career Foundry Task 2.7 Python Data Visualization**

### **Criterion for Search:**

Users should be able to search for recipes by using any of the given recipe attributes stored in the database. The results should also be used to display charts that visualize the data.

### **Data Analysis:**

Pie Chart: To show different cooking times for the searched recipes

Bar Chart: to show difficulty distribution of returned recipes

Line Graph: to show cooking time ranges for returned recipes

### **User Journey:**

1. User lands on welcome (home) page
2. User clicks on login button or browse recipes
3. User logs in via login form
4. User lands on recipes list with all recipes displayed
5. User toggles name and/or ingredient, cooking time or cooking difficulty in search form.
6. Search returns recipes that correspond to search parameters
7. Results prompt charts to display relevant data visualized
8. User views preferred recipe
9. User logs out by clicking the logout button