

Exercise 2.7

Search

- Search by name, and wildcard of name
- Search by ingredient(s)
- Search by difficulty
- Search by cooking time, within a range of minimum and maximum
- Search by words in the description field

Data Analysis

All charts are updated based on the current search criteria (only taking into account what recipes are currently displayed)

Bar graph

- Most popular ingredients
- X-axis – ingredients
- Y-axis – Number of recipes

Pie chart

- Recipe Distribution by Difficulty
- Easy, Medium, Intermediate, Hard per the recipe distribution
- Percentages on each piece
- Y-axis – Average cooking time in minutes