### Exercise 1.6: Connecting to Databases in Python

#### Learning Goals

* Create a MySQL database for your Recipe app

#### Reflection Questions

1. What are databases and what are the advantages of using them?

Database are organized collection of data that keep data in a standardize format so that data can be accessed by many applications

1. List 3 data types that can be used in MySQL and describe them briefly:

|  |  |
| --- | --- |
| **Data type** | **Definition** |
| VARCHAR(n) | String of variable length, with n representing the maximum number of characters |
| DATETIME | Datetime values |
| FLOAT | Floating point decimal numbers |

1. In what situations would SQLite be a better choice than MySQL?

I could use SQLite if I’d want to work on simple databases or to test one without having to set an entire database engine.

1. Think back to what you learned in the Immersion course. What do you think about the differences between JavaScript and Python as programming languages?

I’m finding python more readable and straight forward.

1. Now that you’re nearly at the end of Achievement 1, consider what you know about Python so far. What would you say are the limitations of Python as a programming language?

Python seem to be a language relegated to the handeling of data, and not so usefull in the frontend development of an application