matplotlib_introduction_to_plotting_workbook

September 19, 2020

1 MATPLOTLIB INTRODUCTION TO PLOTTING WORKBOOK

Have a go at the following questions to practice your new found skills.

If you have any questions, go back to the course videos and have another look. One version of the answers is available in the next download. Remember, there are different ways to write code to get the same answer, so your answer can be correct and different to the answer example!

If you feel stuck and want some in person help, then have a look at the events page to join in a workshop https://swamphen.co.uk/events.

1.0.1 This is only going to be a short workbook, as the majority of the power in a graph is to be able to customise it to tell the correct story. However, it is useful sometimes just to plot the data and see what it gives you! Find some other data to plot, download some or use some you already have and plot different graphs to see what you get!

```
In [2]: # import matplotlib as plt

In [1]: # create a list of numbers 1-10 and produce a line plot

In [2]: # then plot these numbers as a histogram

In [3]: # create a list of the even numbers between 1 and 20 and produce a
        # line graph

In [4]: # create a list of strings with your favourite book title and
        # plot as a histogram
```