

matplotlib_pie_charts_workbook

September 21, 2020

1 MATPLOTLIB PIE CHARTS 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>.

```
In [2]: # read in the Fingers data set
```

```
In [1]: # import matplotlib
```

```
In [2]: # for subject I create a pie chart of the different speeds of finger taps with  
# the different stimulus  
# and label the stimulus
```

```
In [3]: # explode the largest section
```

```
In [4]: # calculate the average of the taps for the different subjects and plot  
# this as a pie chart
```

```
In [5]: # these graphs look very similar, re-plot them with the percentages to  
# see the difference
```

```
In [6]: # are pie charts good for comparing data sets?
```

```
In [7]: # what would be a better graph to show the differences in these values?
```