l1p2

March 8, 2019

1 Q2.1

1. Use `matplotlib` to show scatterplots of each variable

```
In [ ]: from matplotlib import pyplot as plt
        import numpy as np
        #import pandas as pd

        # you can also use pandas to load the data
        data = np.loadtxt('happiness.csv', skiprows=1, delimiter=',', converters = {3: lambda
```

{replace this text with your explanation text about trends in each plot}
{replace this text with which factors you think are important and why}

2 Q2.2

Load data and set up packages

```
In [ ]: from sklearn.kernel_ridge import KernelRidge
        from sklearn.model_selection import train_test_split
        from sklearn.model_selection import RepeatedKFold
```

Check the dataset for missing values and, if any are found, address them programmatically

2.1 Linear model

{text results here}

2.2 Quadratic model

{text results here}

2.3 Gaussian model

{text results here}

2.4 Comparison

{replace with your comparison paragraph/images}