**STA 235H - Prediction Project**

*December 12th, 2021*

**Student 1**

**Student 2**

**Student 3**

**Student 4**

1. **Data Preparation**

* *In this section, describe any data cleaning that you did, making sure you describe your decisions (e.g. if you dropped some variables, say why; if you changed a type of variable, describe it, etc.). There is no need to talk about each variable individually (you can describe sets of variables), but it should be clear to the reader and to someone that wants to replicate your code why you did what you did.*
* *Show some descriptive statistics of some of the most relevant variables*

1. **Classification Task**

* *Describe the two models that you are comparing, and clearly state which one is your preferred one (if this is not included, I will assume that the first one is the preferred one).*
* *Give a brief description of what each method does and show appropriate plots/tables if you are estimating hyper-parameters, what are the most relevant characteristics, etc.*
* *Show your model’s performance.*
* *Briefly describe why you chose the method you chose (not only compared to the other method you are testing, but compared to all the other methods we reviewed in class).*

1. **Regression Task**

* *Describe the two models that you are comparing, and clearly state which one is your preferred one (if this is not included, I will assume that the first one is the preferred one).*
* *Give a brief description of what each method does and show appropriate plots/tables if you are estimating hyper-parameters, what are the most relevant characteristics, etc.*
* *Show your model’s performance.*
* *Briefly describe why you chose the method you chose (not only compared to the other method you are testing, but compared to all the other methods we reviewed in class).*

1. **Brief Conclusions**

* *Give an overall brief conclusion about your project (E.g. Overall recommendations; Main limitations of your analysis; Do you think your models perform well? Do you think you need more data? What else would be interesting to asses?)*

1. **References**