

- 1 Select Dataset based on Column Assigned
- 2 Last 3 columns can be target variables
- 3 Identify which of the three can be classified using Decision Tree and SVM
- 4 Handle Missing Values either in excel or python
- 5 Remove three columns you feel are not important

- 6 Remove rows if needed
- 7 Train Test Split is 80:20
- 8 Classify using Decision Tree
- 9 Classify using SVM

- 10 For Training and Testing find
 - Accuracy Score
 - Classification Report
 - Confusion Matrix

- 11 **Tune Parameters to improve accuracy**

- 12 Log Results on a sheet of paper

- 13 Submit PDF of codes done

Set A **Deer**

Set B **Mare**

Set C **Pony**

Logs

- Number of Rows**
- Number of Columns**
- Pre Processing Done**
- SVM Accuracy**
- Decision Tree Accuracy**
- Tuning Done**
- Last 3 columns classification**