

Nazmi Bunjaku (CSU ID: 2775692) & Shubham Dave (CSU ID: 2728609)

CIS 492 Machine Learning | Fall 2022

Professor Qin Lin

Due: 10/22/2022

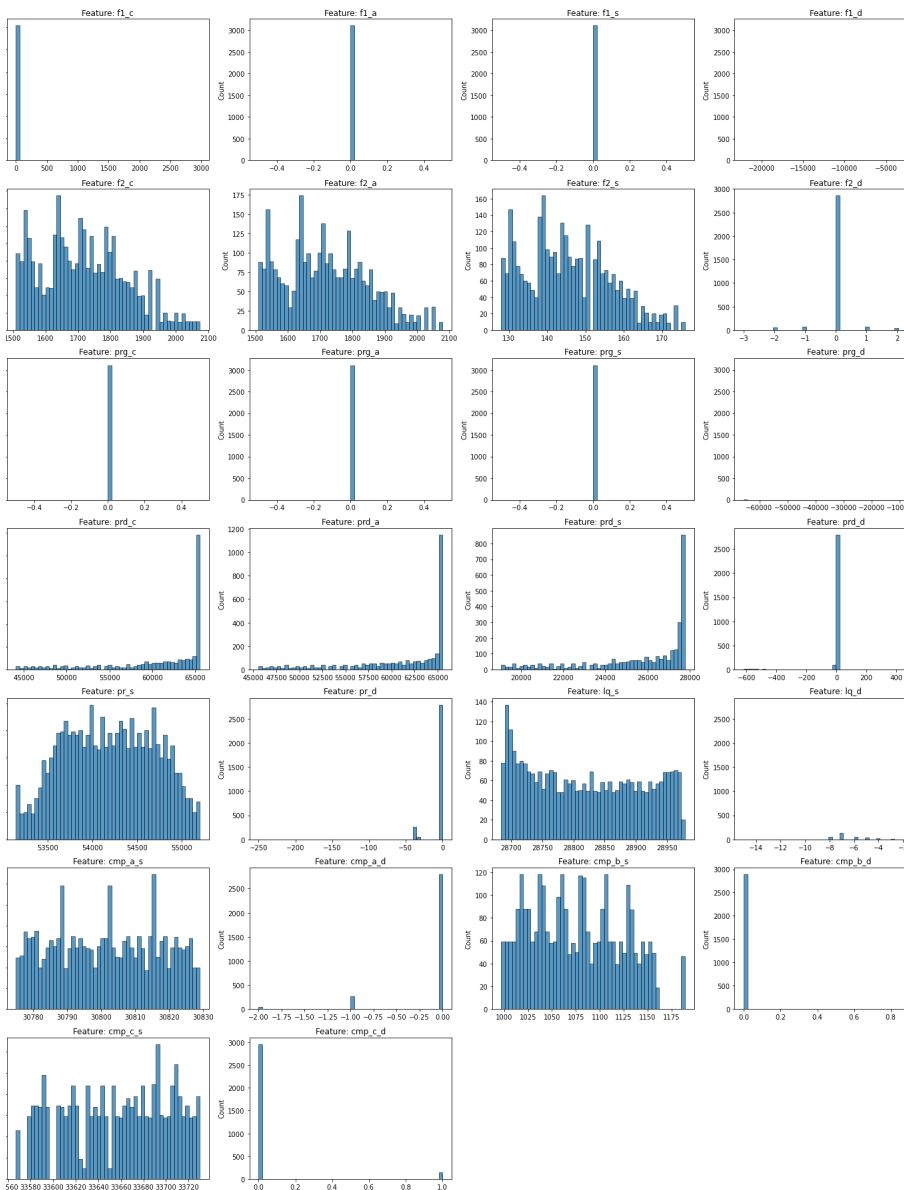
## Midterm Project Report

### Task 0:

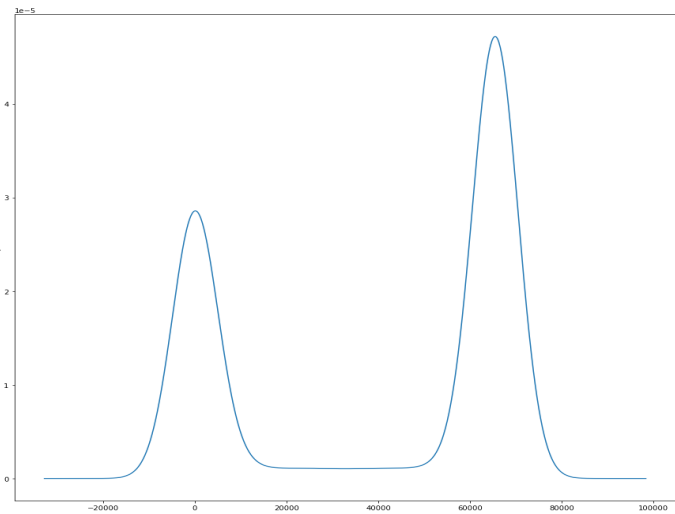
Shubham Dave: **50%**

Nazmi Bunjaku: **50%**

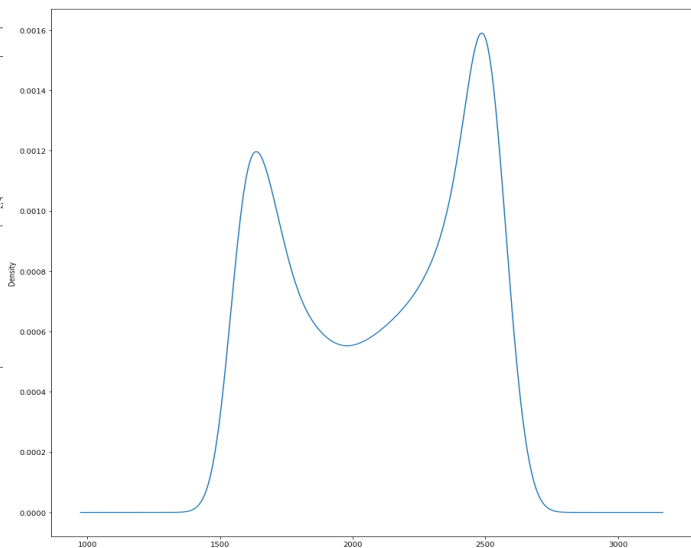
### Task 1:

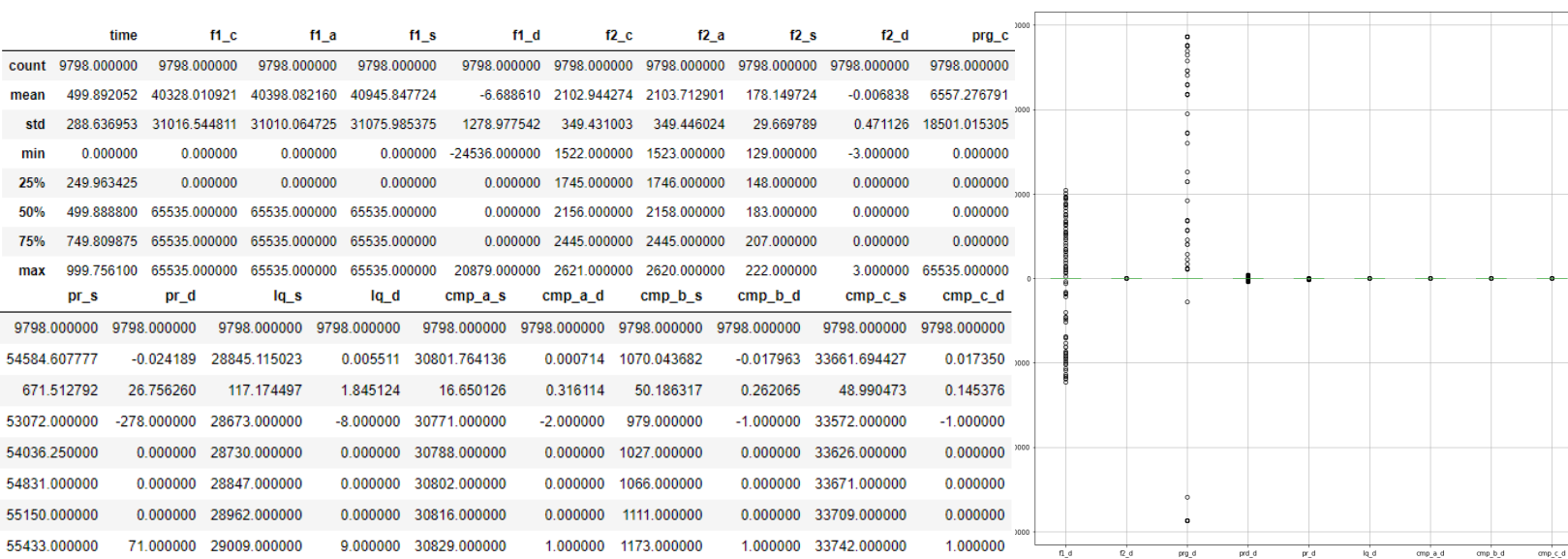


f1\_c



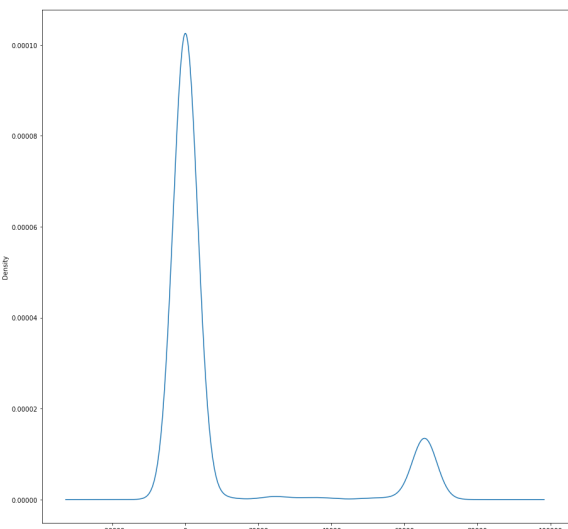
f2\_a



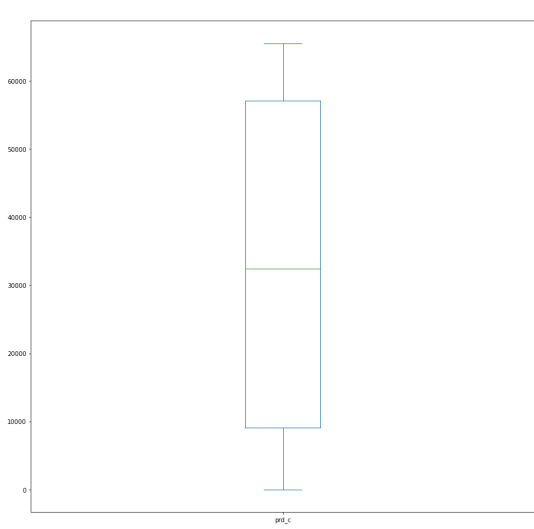


Here we can conclude that all the features ending with “\_d” are abnormal. This is due to the fact that all their respective means, standard deviation, min, or max are all inconsistent with their other respective values/features.

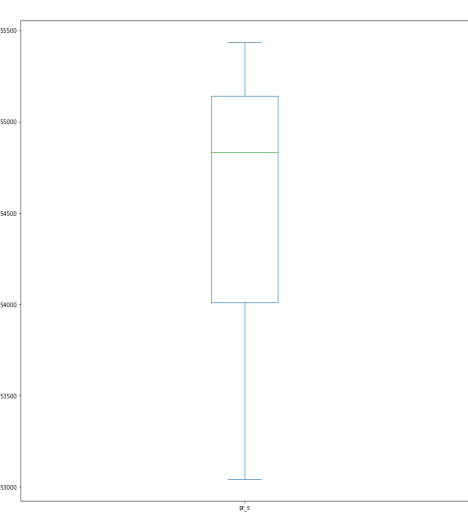
prg\_s:



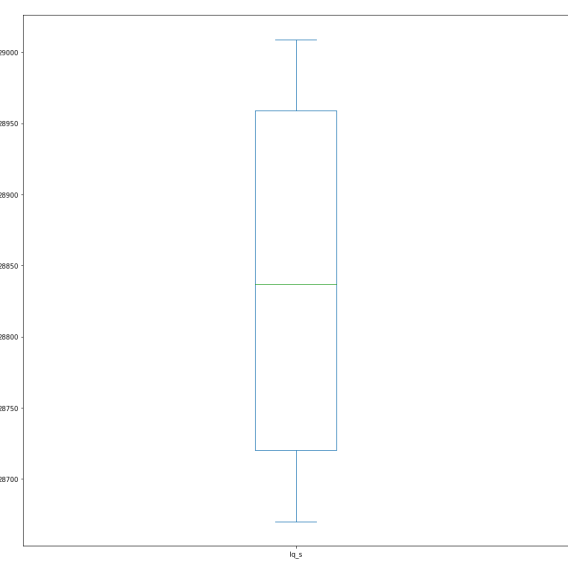
prd\_c:



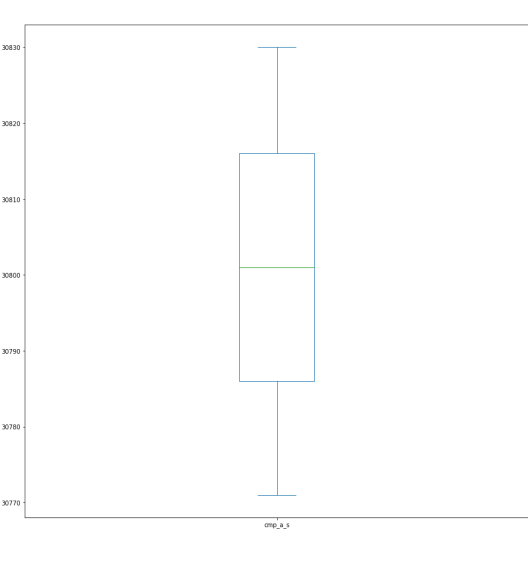
pr\_s:



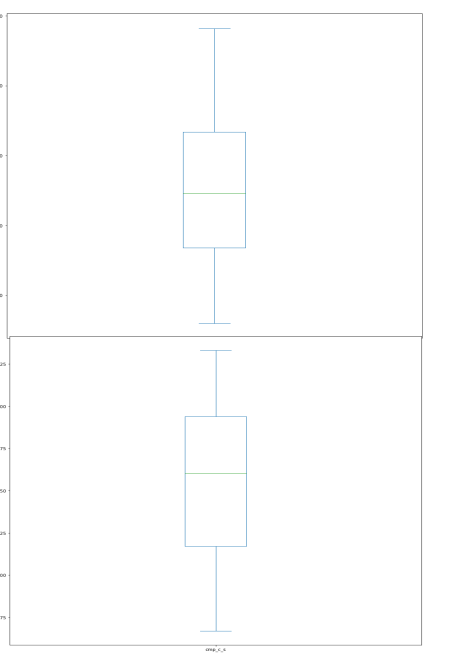
lq\_s:



cmp\_a\_s:



cmp\_b\_s & cmp\_c\_s:



**Task 2:**

TP = **45**

FP = **0**

TN = **13**

FN = **0**

Precision Score = **1.0**

Recall Score = **1.0**

F1 Score = **1.0**

**Task 3:**

TP =

FP =

TN =

FN =

Precision Score =

Recall Score =

F1 Score =