

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

CIS 492 Machine Learning | Fall 2022

Professor Qin Lin

Due: 10/22/2022

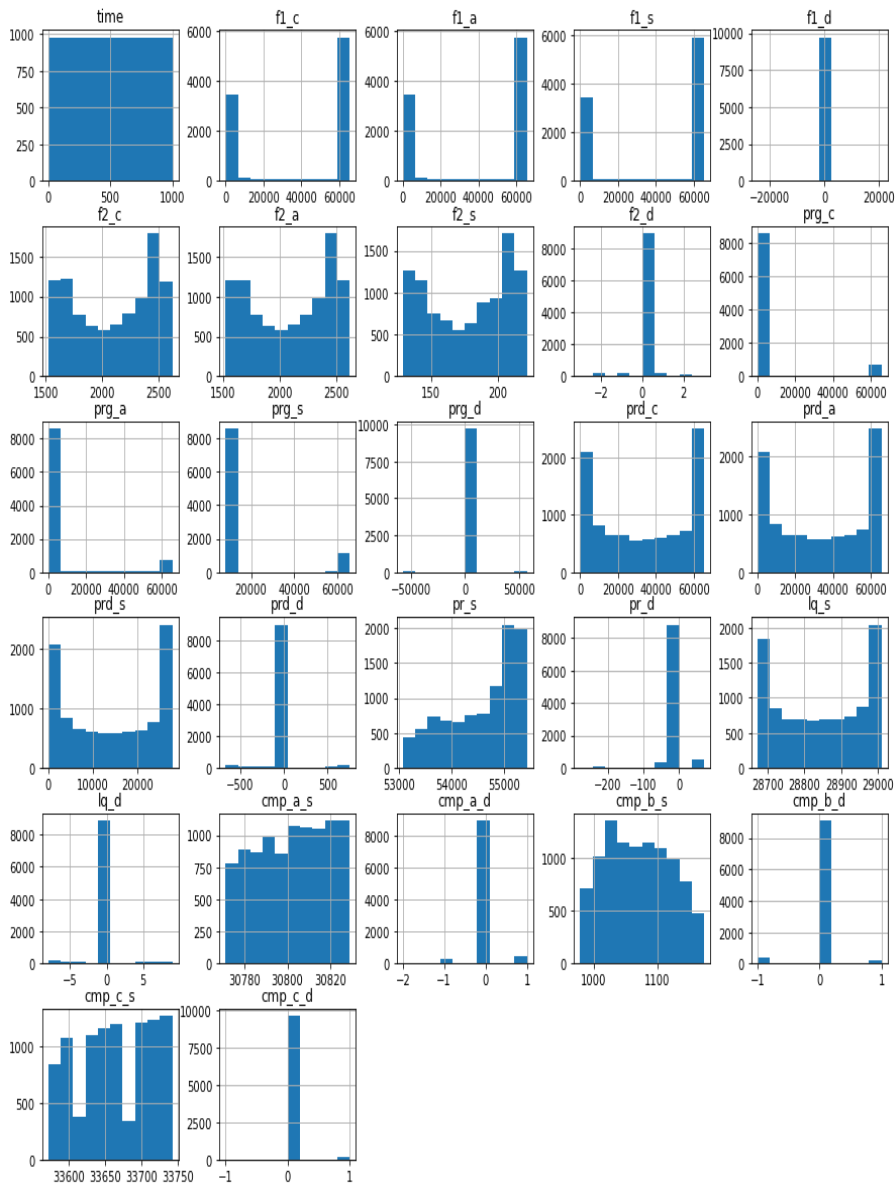
Midterm Project Report

Task 0:

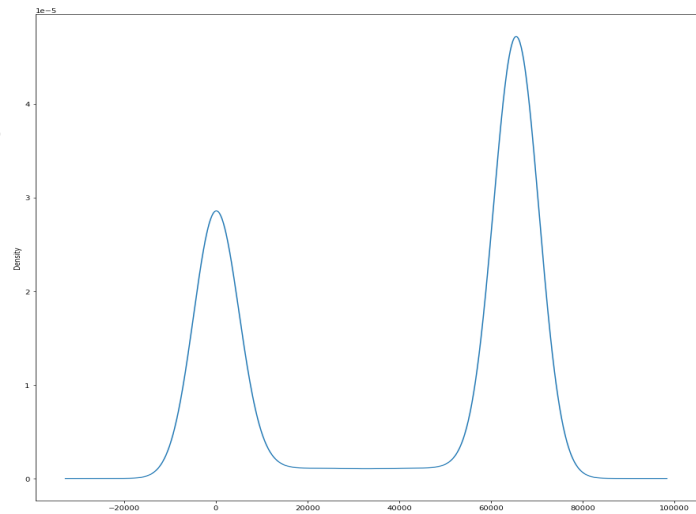
Shubham Dave: **50%**

Nazmi Bunjaku: **50%**

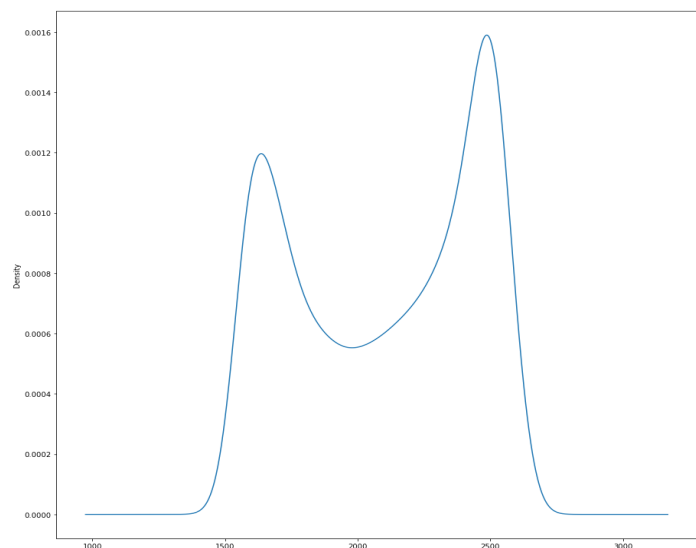
Task 1:

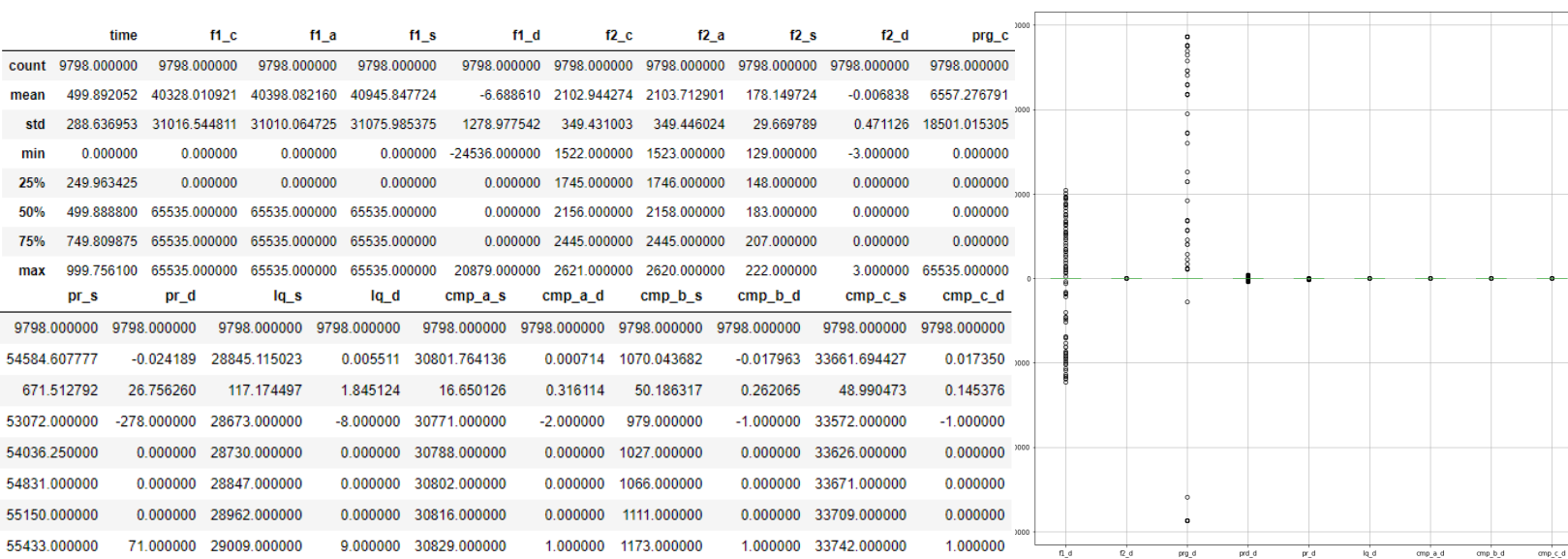


f1_c



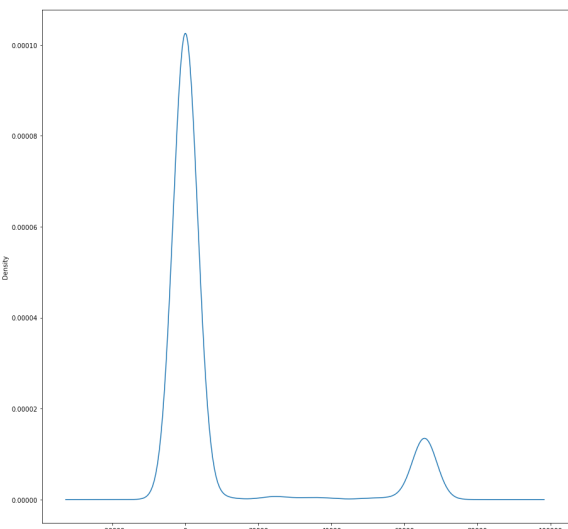
f2_a



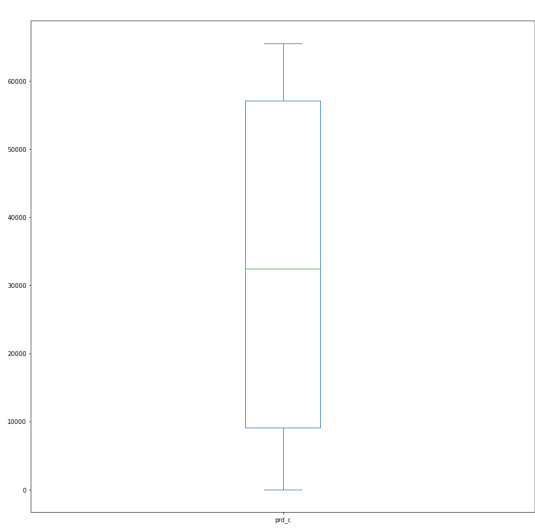


Here we can conclude that all the features ending with “_d” are abnormal. This is due to the fact that all their respective means, standard deviation, min, or max are all inconsistent with their other respective values/features.

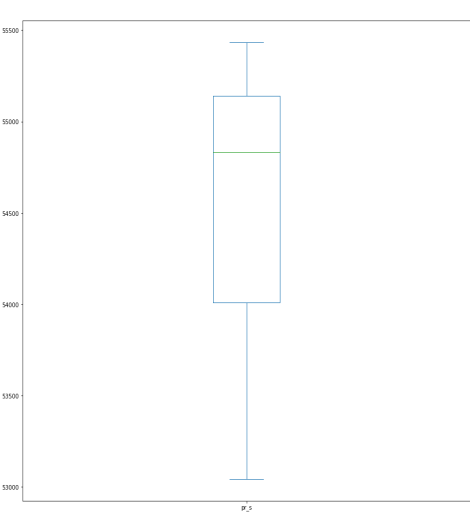
prg_s:



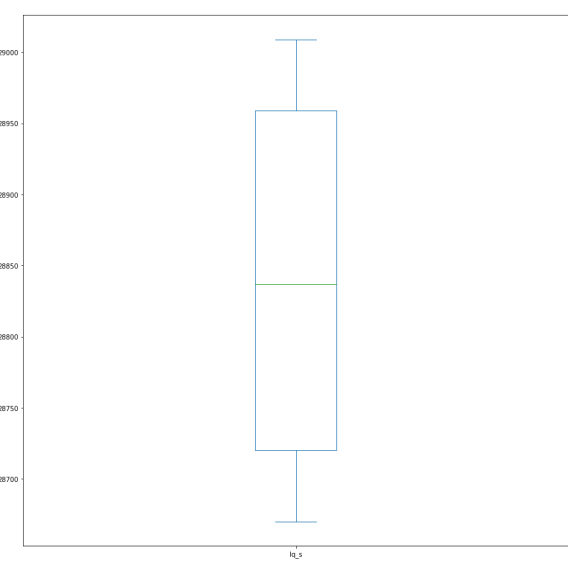
prd_c:



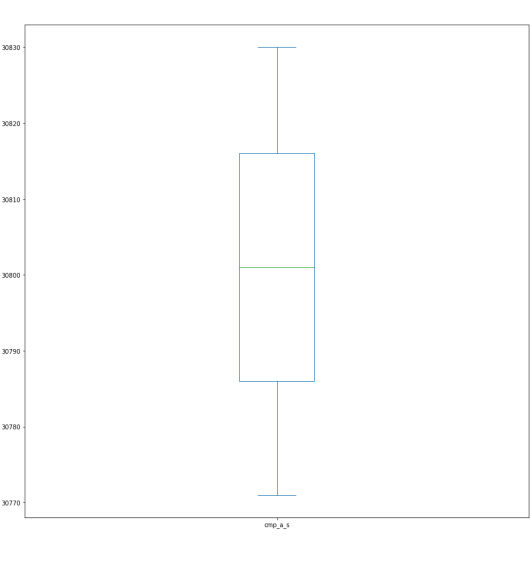
pr_s:



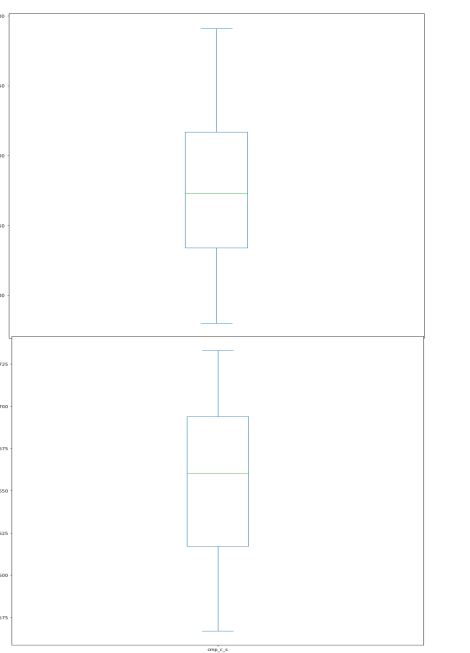
lq_s:



cmp_a_s:



cmp_b_s & cmp_c_s:



Task 2:

TP =

FP =

TN =

FN =

Precision Score =

Recall Score =

F1 Score =

Task 3:

TP =

FP =

TN =

FN =

Precision Score =

Recall Score =

F1 Score =