

nickdero10 / CS513

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

CS513 / HW / HW\_02\_EDA / Nicholas\_DeRobertis\_HW\_02\_EDA.md

nickdero10 Renamed Nicholas\_DeRobertis\_HW\_02\_EDA

yesterday

17 lines (11 loc) · 306 Bytes

PreviewCodeBlame

RawCopyDownloadEditDropdownMenu

# Nicholas DeRobertis HW\_02\_EDA

## I Pledge My Honor That I Have Abided by The Stevens Honor System

## Code Output

```
jupyter/nickd/cs513/hw/hw_02_EDA
but was not found to be installed on your system.
If this would cause problems for you,
please provide us feedback at https://github.com/pandas-dev/pandas/issues/54466

import pandas as pd

Breast Cancer Wisconsin Data Summarized

count      Sample      F1      F2      F3      F4      F5      F7      F8      F9      Class
mean  1.071704e+06  4.417740  3.134478  3.207439  2.806867  3.216023  3.437768  2.866953  1.589413  2.689557
std    6.170957e+05  2.815741  3.051459  2.971913  2.855379  2.214300  2.438364  3.053634  1.715078  0.951273
min    6.163400e+04  1.000000  1.000000  1.000000  1.000000  1.000000  1.000000  1.000000  1.000000  2.000000
25%    8.706885e+05  2.000000  1.000000  1.000000  1.000000  2.000000  2.000000  1.000000  1.000000  2.000000
50%    1.171710e+06  4.000000  1.000000  1.000000  1.000000  2.000000  3.000000  1.000000  1.000000  2.000000
75%    1.238298e+06  6.000000  5.000000  5.000000  4.000000  4.000000  5.000000  4.000000  1.000000  4.000000
max    1.345435e+07  10.000000  10.000000  10.000000  10.000000  10.000000  10.000000  10.000000  10.000000  4.000000

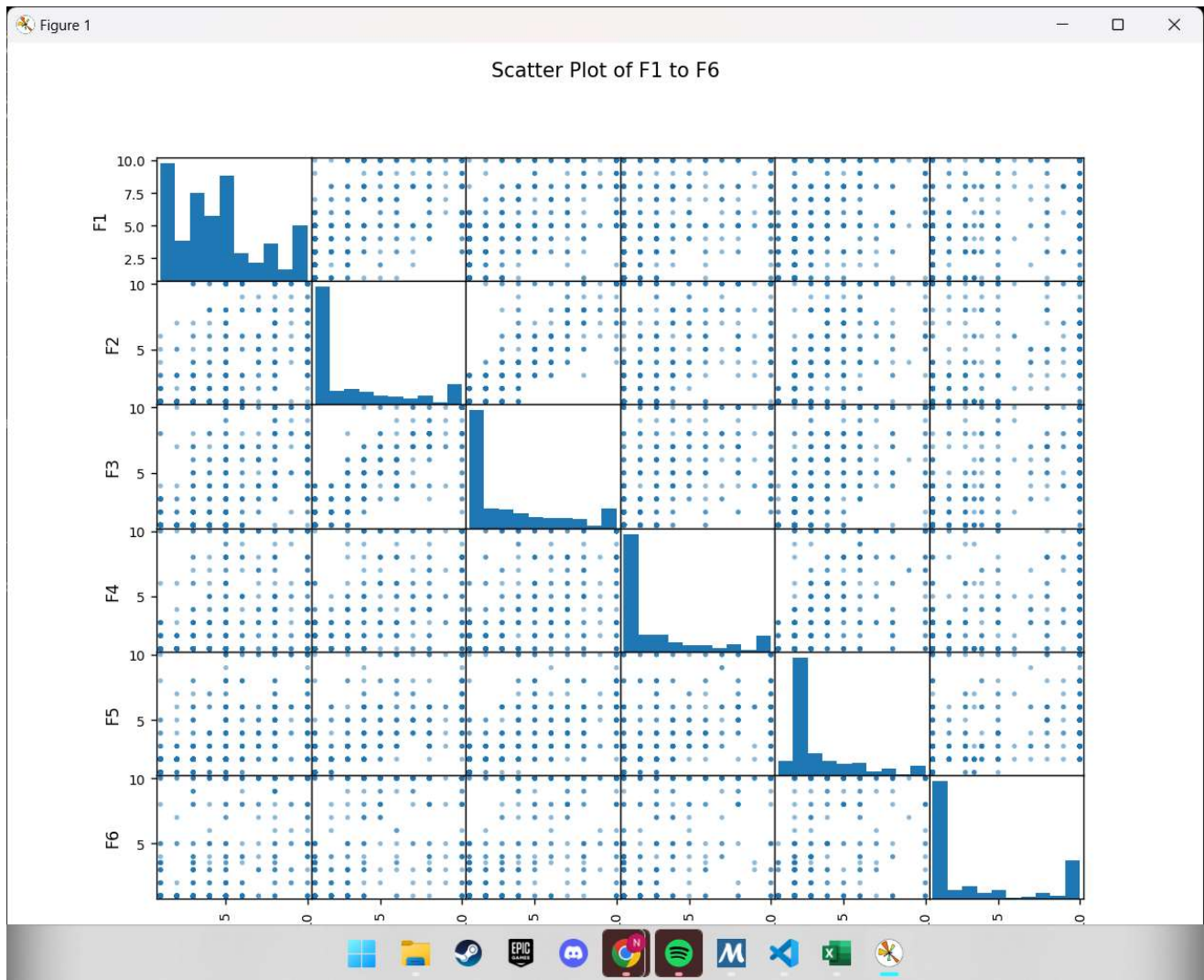
Number of Appearances of ? in the Data
Sample      0
F1           0
F2           0
F3           0
F4           0
F5           0
F6          16
F7           0
F8           0
F9           0
Class        0
dtype: int64

Frequency Table of Class Vs. F6
F6      1.00      2.00      3.00      3.54      4.00      5.00      6.00      7.00      8.00      9.00     10.00
Class
2         387         21         14         14          6         10          0          1          2          0          3
4          15          9          4          2         13         20          4          7         19          9        129

Reloaded Data with Rows without Data Removed
Sample      F1      F2      F3      F4      F5      F6      F7      F8      F9      Class
0      1000025      5      1      1      1      2      1      3      1      1      2
1      1002945      5      4      4      5      7      10      3      2      1      2
2      1013425      3      1      1      1      2      2      3      1      1      2
3      1016277      6      8      8      1      3      4      3      7      1      2
4      1017023      4      1      1      3      2      1      3      1      1      2
...
694      776715      3      1      1      1      3      2      1      1      1      2
695      841769      2      1      1      1      2      1      1      1      1      2
696      888820      5      10      10      3      7      3      8      10      2      4
697      897471      4      8      6      4      3      4      10      6      1      4
698      897471      4      8      8      5      4      5      10      4      1      4

[699 rows x 11 columns]
```

## Scatter Plot of F1 to F6



## Histogram Box Plot for F7 to F9

