Dataset used: All.csv

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| Filename: | content |
| RandomFores\_twoClasses.ipynb | Using Random Forest  Two-labels |
| multiclass\_compareKNN\_RF copy.ipynb | Multi-labels  Using knn and rf  Compare result |
| PCA\_explained\_variance\_ratio\_.ipynb | explained\_variance\_ratio\_ information |
| PCA\_withoutPCA.ipynb | Compare using Pca and without pca |
| PCA\_visualization.ipynb | Feature spam |
| compare\_PCA\_n\_components.ipynb | Compare the performance with using different n\_components and variances |
| Feature\_Correlation.ipynb | Feature\_Correlation graph |
| important\_features.ipynb | Using important\_features  To delete least important features |
| comparePCA\_importance.ipynb | Compare PCA(n\_components =40) with 40 important features |