

# Visualizing And Analyzing The Data

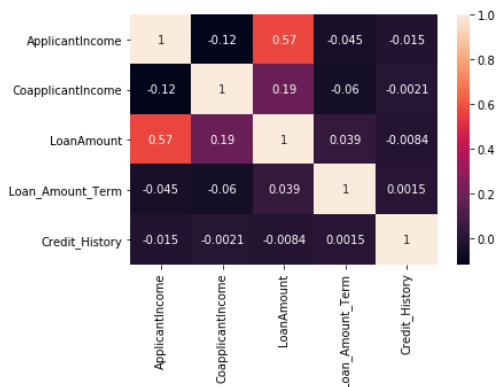
## Multivariate Analysis

Date	4 september 2022
Team Id	PNT2022TMID46202
Project Name	Smart Lender- Applicant Credibility Prediction for Loan Approval

In simple words, multivariate analysis is to find the relation between multiple features. Here we have used swarm plot from seaborn package.

```
In [6]: sns.heatmap(data.corr(), annot = True)
```

```
Out[6]: <matplotlib.axes._subplots.AxesSubplot at 0x257d639cf60>
```



From the above graph we are plotting the relationship between the Gender, applicants income and loan status of the person