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# **Capstone 2 Project**

## **Credit Card Approval Prediction**

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(1) Spring Board Bootcamp

# Problem Statement

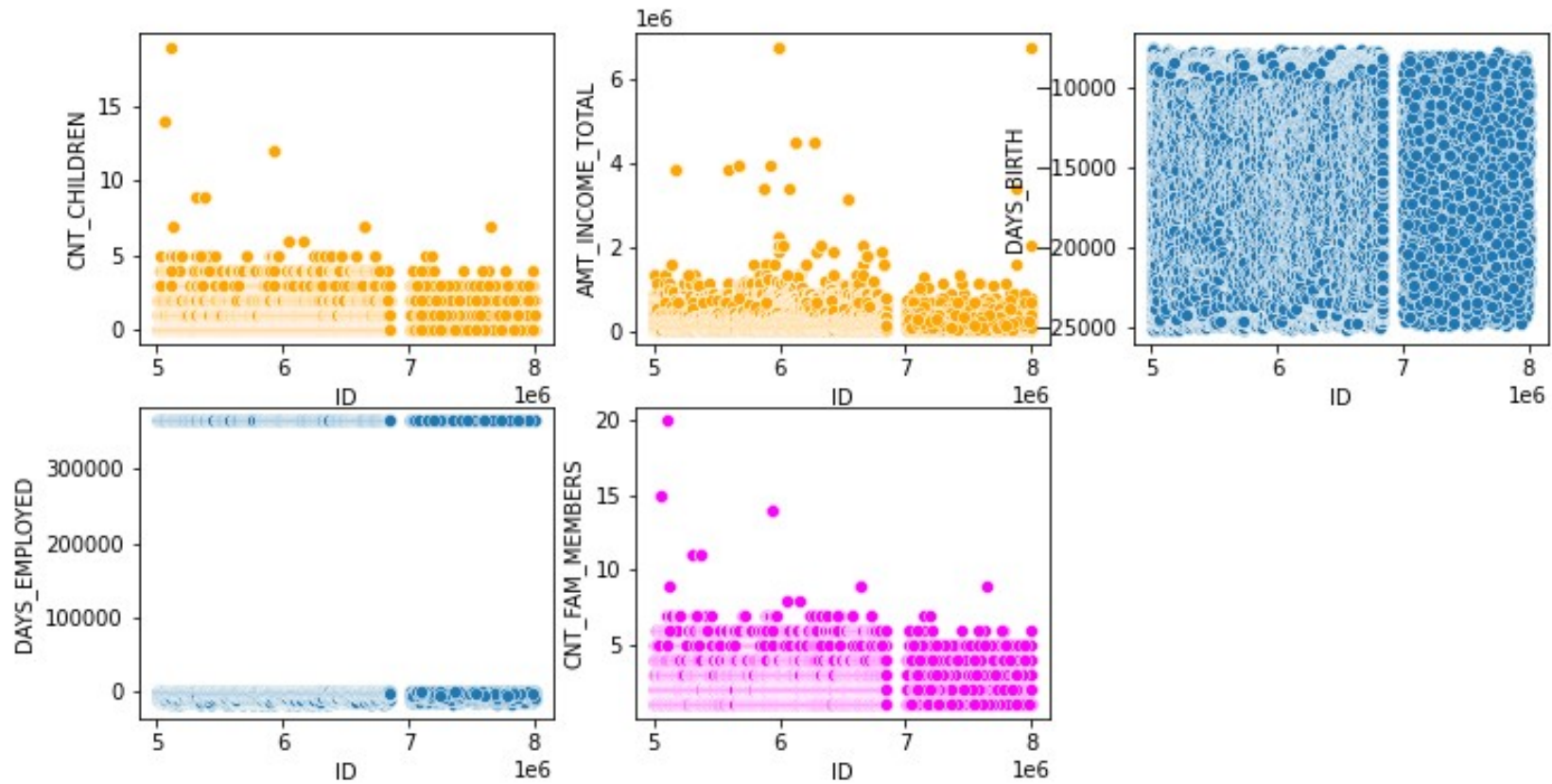
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The personal information and data submitted by credit-card applicants can be used to decide creditworthiness of the applicants.

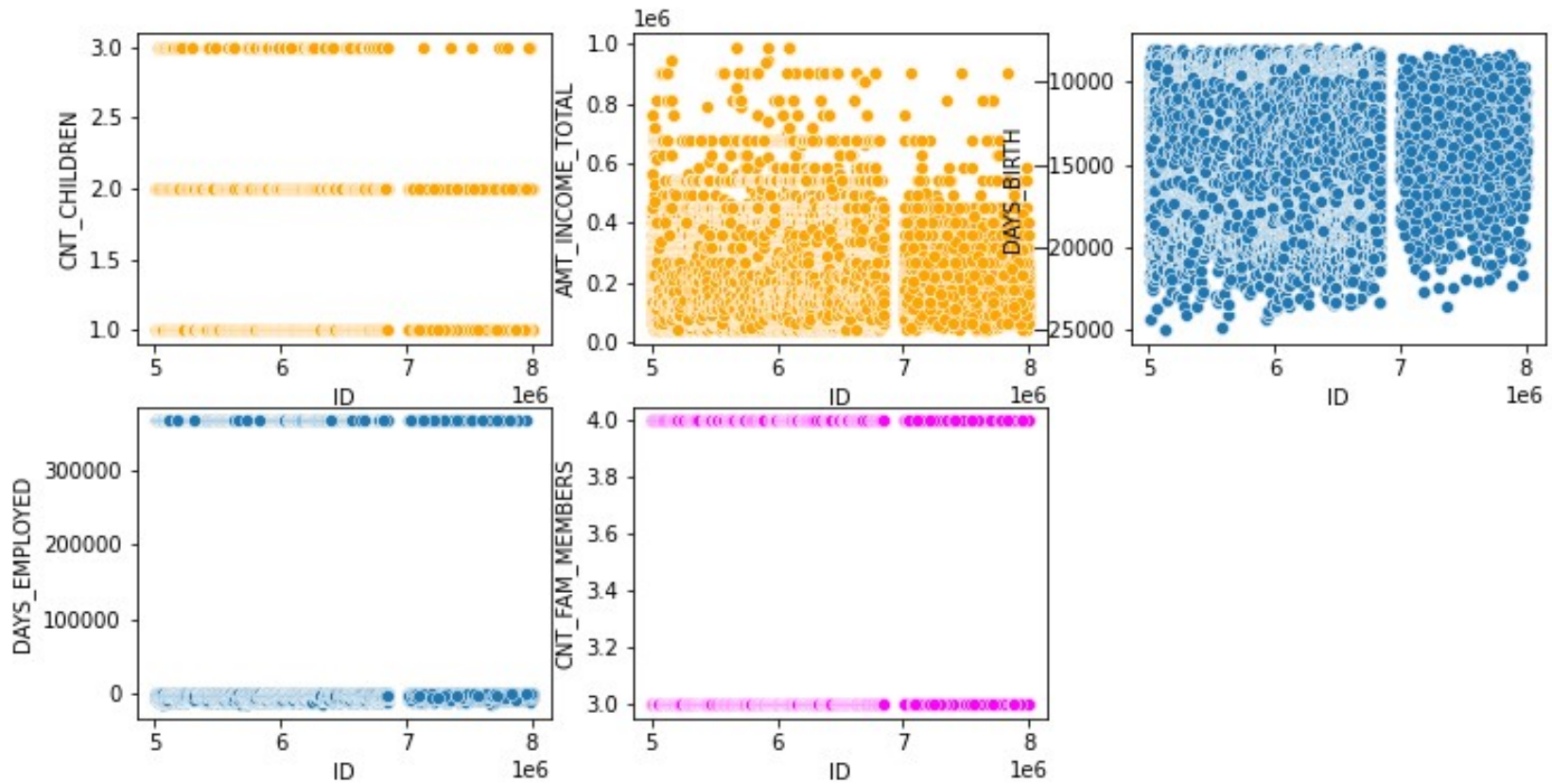
# Features ?

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# Feature plot

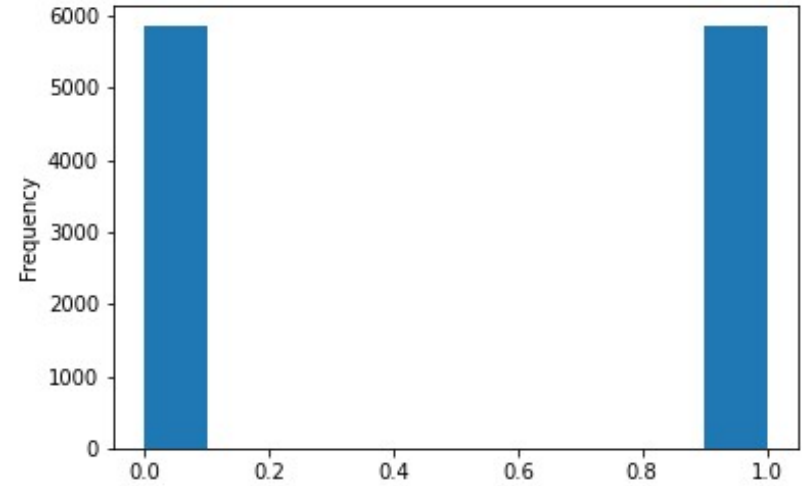
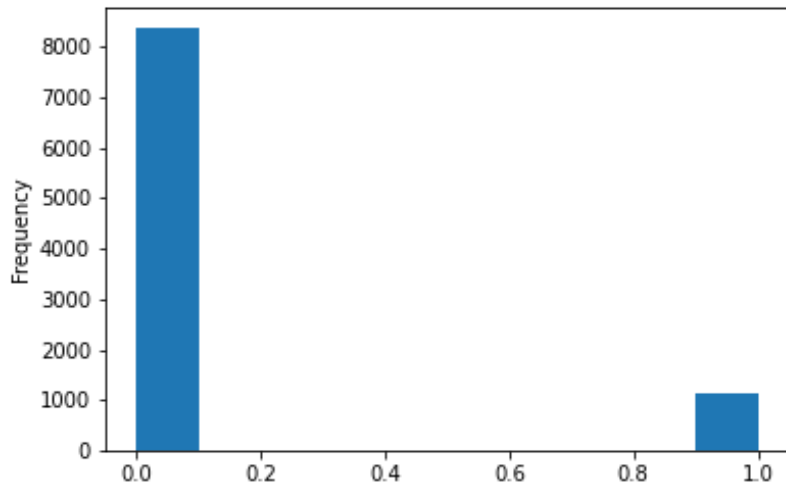


# Feature plot



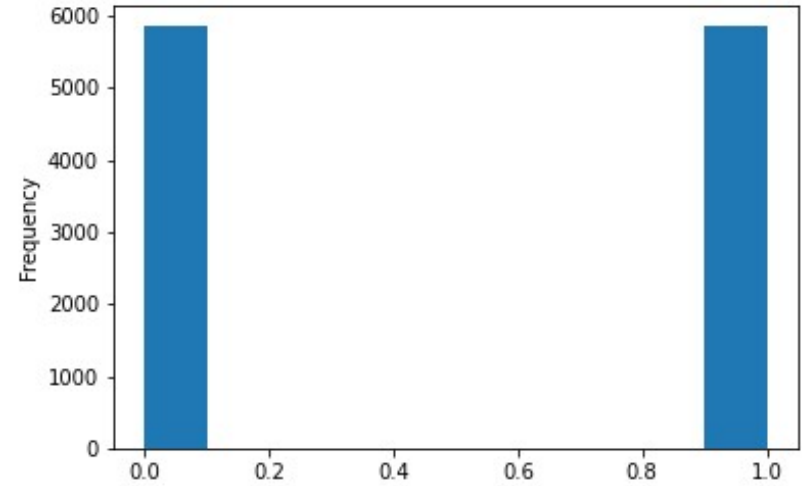
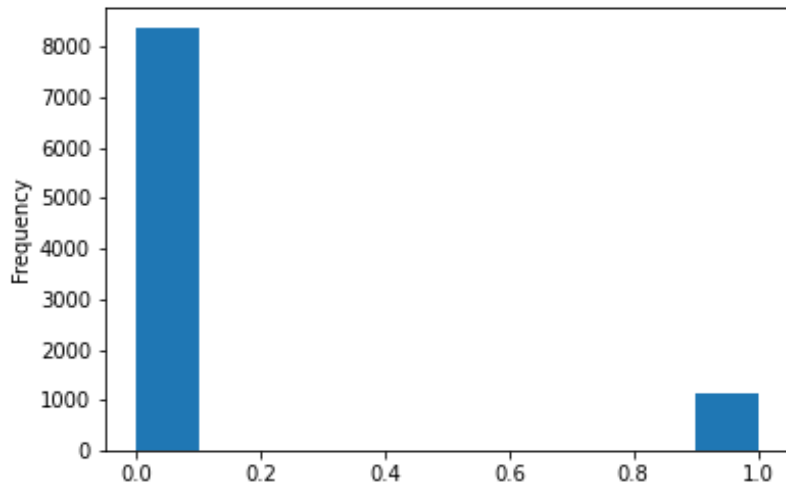
# SMOTE Algorithm

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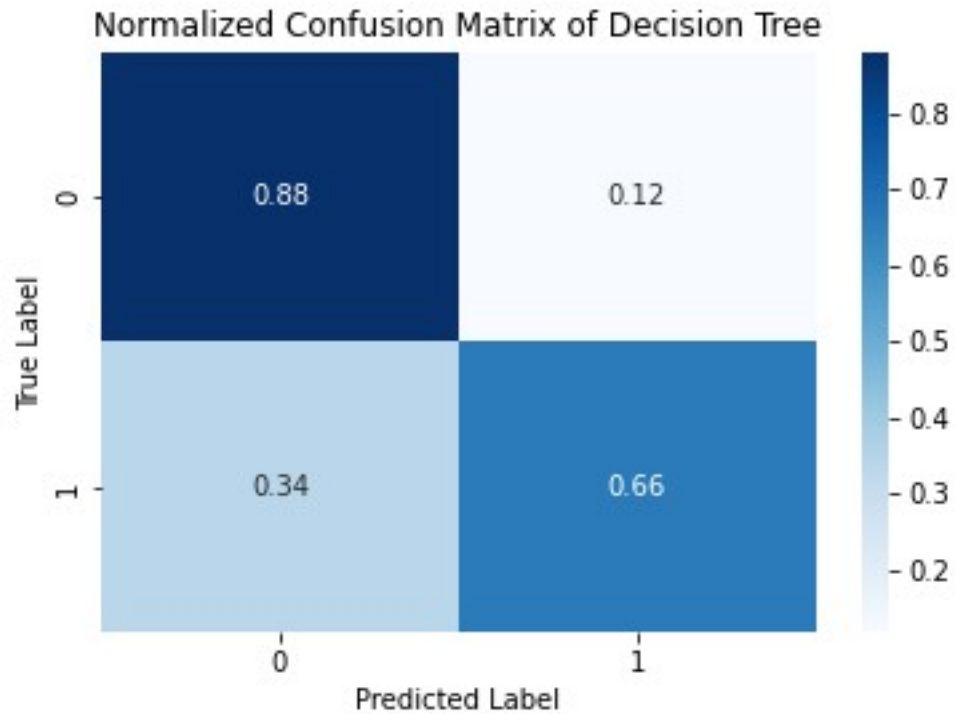
# SMOTE Algorithm

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# CONFUSION Matrix

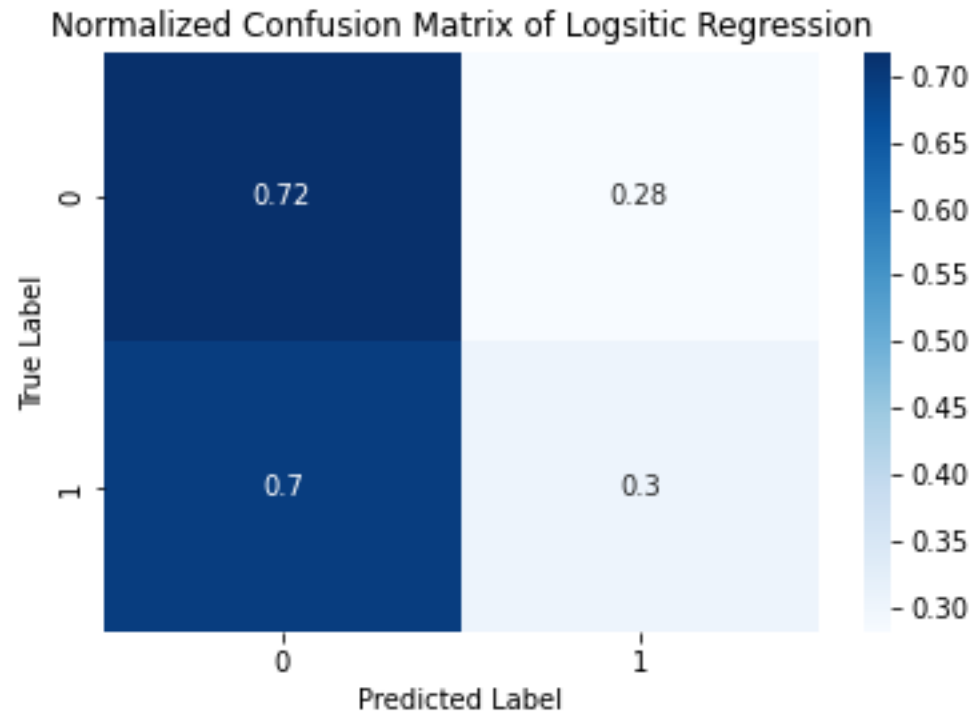
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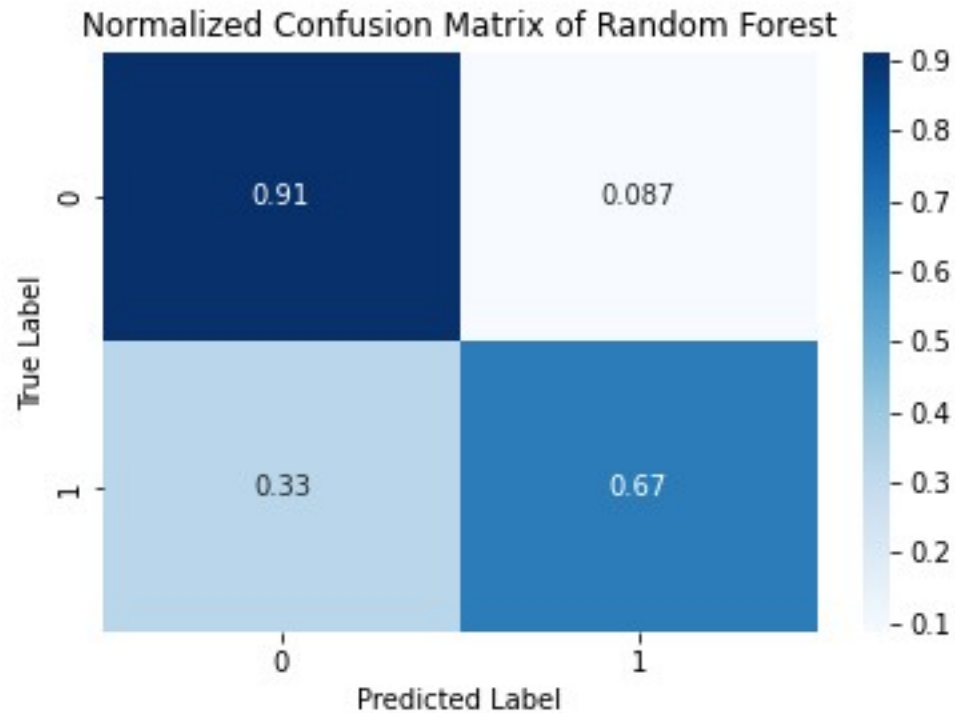
# CONFUSION Matrix

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# CONFUSION Matrix

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# Conclusions

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**Thank You !**