

## **PROJECT DEVELOPMENT PHASE**

### **PRIOR KNOWLEDGE**

DATE	29 October 2022
TEAM ID	PNT2022TMID44260
PROJECT TITLE	Smart Lender - Applicant Credibility Prediction for Loan Approval
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### **Smart Lender - Applicant Credibility Prediction for Loan**

#### **Approval PRIOR KNOWLEDGE**

You must have prior knowledge of the following topics to complete this project.

#### **Machine Learning Concepts:**

- Unsupervised learning
- Supervised learning
- Knowledge about classification and regression problems
- Data preprocessing technique
- Visualization techniques

#### **ML Models:**

1. Decision tree
2. Random forest model
3. KNN model
4. Xg-boost model

#### **Metrics:**

- Accuracy score
- Classification report
- Confusion matrix
- F1 score

#### **Application Building:**

- Building HTML Pages
- Building server side script