

Understanding the Problem Statement: Loan Prediction

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Based on customer details, predict whether loan will be approved or not



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Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
Graduate	No	5849	0.0	NaN	360.0	1.0	Urban	Y
Graduate	No	4583	1508.0	128.0	360.0	1.0	Rural	N
Graduate	Yes	3000	0.0	66.0	360.0	1.0	Urban	Y
Not Graduate	No	2583	2358.0	120.0	360.0	1.0	Urban	Y
Graduate	No	6000	0.0	141.0	360.0	1.0	Urban	Y

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Pre-processing Steps

1. Filling the missing values



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Pre-processing Steps

1. Filling the missing values
 - a. Categorical variable: Mode
 - b. Continuous variable: Mean / Median



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Pre-processing Steps

1. Filling the missing values
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 - b. Continuous variable: Mean / Median
2. Convert categories to numbers



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Pre-processing Steps

1. Filling the missing values
 - a. Categorical variable: Mode
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2. Convert categories to numbers
3. Bring all the variables to same scale (Generally between 0 to 1)

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Thank You