

# Data Analysis Report

Generated on: 2025-10-18 21:54

## Dataset Overview

Total Rows	614
Total Columns	13
Memory Usage	0.27 MB
Missing Values	149

## Column Summary

Column Name	Data Type	Missing Values	Unique Values
Loan_ID	object	0	614
Gender	object	13	2
Married	object	3	2
Dependents	object	15	4
Education	object	0	2
Self_Employed	object	32	2
ApplicantIncome	int64	0	505
CoapplicantIncome	float64	0	287
LoanAmount	float64	22	203
Loan_Amount_Term	float64	14	10
Credit_History	float64	50	2
Property_Area	object	0	3
Loan_Status	object	0	2

## Basic Statistics

### Statistics for ApplicantIncome

Metric	Value
Count	614

Mean	5403.46
Std Dev	6109.04
Min	150.00
25%	2877.50
50%	3812.50
75%	5795.00
Max	81000.00

### ***Statistics for CoapplicantIncome***

Metric	Value
Count	614
Mean	1621.25
Std Dev	2926.25
Min	0.00
25%	0.00
50%	1188.50
75%	2297.25
Max	41667.00

### ***Statistics for LoanAmount***

Metric	Value
Count	592
Mean	146.41
Std Dev	85.59
Min	9.00
25%	100.00
50%	128.00
75%	168.00
Max	700.00

## **Key Insights**

- Dataset contains 614 rows and 13 columns
- Dataset has 149 missing values that may need handling
- Found 5 numeric columns for analysis

- Found 8 categorical columns
- 'Male' is the most frequent category in Gender (489 occurrences)