Report

High cardinality refers to a column that can have many possible values.
1. Loan ID
2. Customer
3. Application Number (same as Loan ID)
- These were **<u>deleted</u>** from my data because they were all unique identifiers, which would not help my model.

Loan Amount and Requested Amount had the same values, so I decided to delete Requested Amount.

Constant:
1. Application Type (Loan)

Input Variables
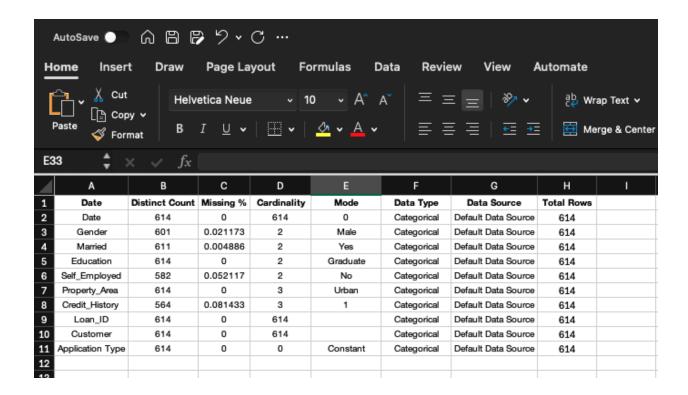1. Date
2. Gender
3. Married
4. Dependents
5. Age
6. Education
7. Self_Employed
8. ApplicantIncome
9. CoapplicantIncome
10. LoanAmount
11. Loan_Amount_Term
12. Credit_History
13. Property_Area

Target Variable
1. Loan_Status

Categorical
1. Date
2. Gender
3. Married
4. Education
5. Self_Employed
6. Property_Area
7. Credit_History

	Date	Distinct Count	Missing %	Cardinality	Mode	Data Type	Data Source	Total Rows
1	Date	Distinct Count	Missing %	Cardinality	Mode	Data Type	Data Source	Total Rows
2	Date	614	0	614	0	Categorical	Default Data Source	614
3	Gender	601	0.021173	2	Male	Categorical	Default Data Source	614
4	Married	611	0.004886	2	Yes	Categorical	Default Data Source	614
5	Education	614	0	2	Graduate	Categorical	Default Data Source	614
6	Self_Employed	582	0.052117	2	No	Categorical	Default Data Source	614
7	Property_Area	614	0	3	Urban	Categorical	Default Data Source	614
8	Credit_History	564	0.081433	3	1	Categorical	Default Data Source	614
9	Loan_ID	614	0	614		Categorical	Default Data Source	614
10	Customer	614	0	614		Categorical	Default Data Source	614
11	Application Type	614	0	0	Constant	Categorical	Default Data Source	614

Continuous

1. Dependents
2. Age
3. ApplicantIncome
4. CoapplicantIncome
5. LoanAmount
6. Loan_Amount_Term

	Feature	Count	Missing%	Min	Max	Mode	Mean	Standard Deviation	Median	Data Source	Total Rows
1	Feature	Count	Missing%	Min	Max	Mode	Mean	Standard Deviation	Median	Data Source	Total Rows
2	Dependents	599	0.02443	0	100	0	1.115192	4.569978329	0	Default Data Source	614
3	Age	513	0.164495	-2	180	55	37.3567251	15.1052117	41	Default Data Source	614
4	ApplicantIncome	614	0	150	81000	2500	5403.45928	6109.041673	3812.5	Default Data Source	614
5	CoapplicantIncome	614	0	0	41667	0	1621.2458	2926.248369	1188.5	Default Data Source	614
6	LoanAmount	592	0.035831	9	700	120	146.412162	85.58732524	128	Default Data Source	614
7	Loan_Amount_Term	600	0.022801	12	480	360	342	65.12040985	360	Default Data Source	614