#### Omar Adel Abdel Hamid Ahmed Brikaa - 20206043 - S5

#### **Imports**

```
import pandas as pd
import numpy as np
from sklearn.model_selection import train_test_split
import seaborn as sns
import matplotlib.pyplot as plt
from sklearn.preprocessing import LabelEncoder, StandardScaler
from sklearn.linear_model import LinearRegression
from IPython.display import display
```

### Check whether there are missing values

```
In [ ]: df = pd.read_csv("loan_old.csv")
    empty = df.isnull().sum().sum()
    print("There are " + str(empty) + " empty values")
There are 121 empty values
```

#### Records containing missing values are removed

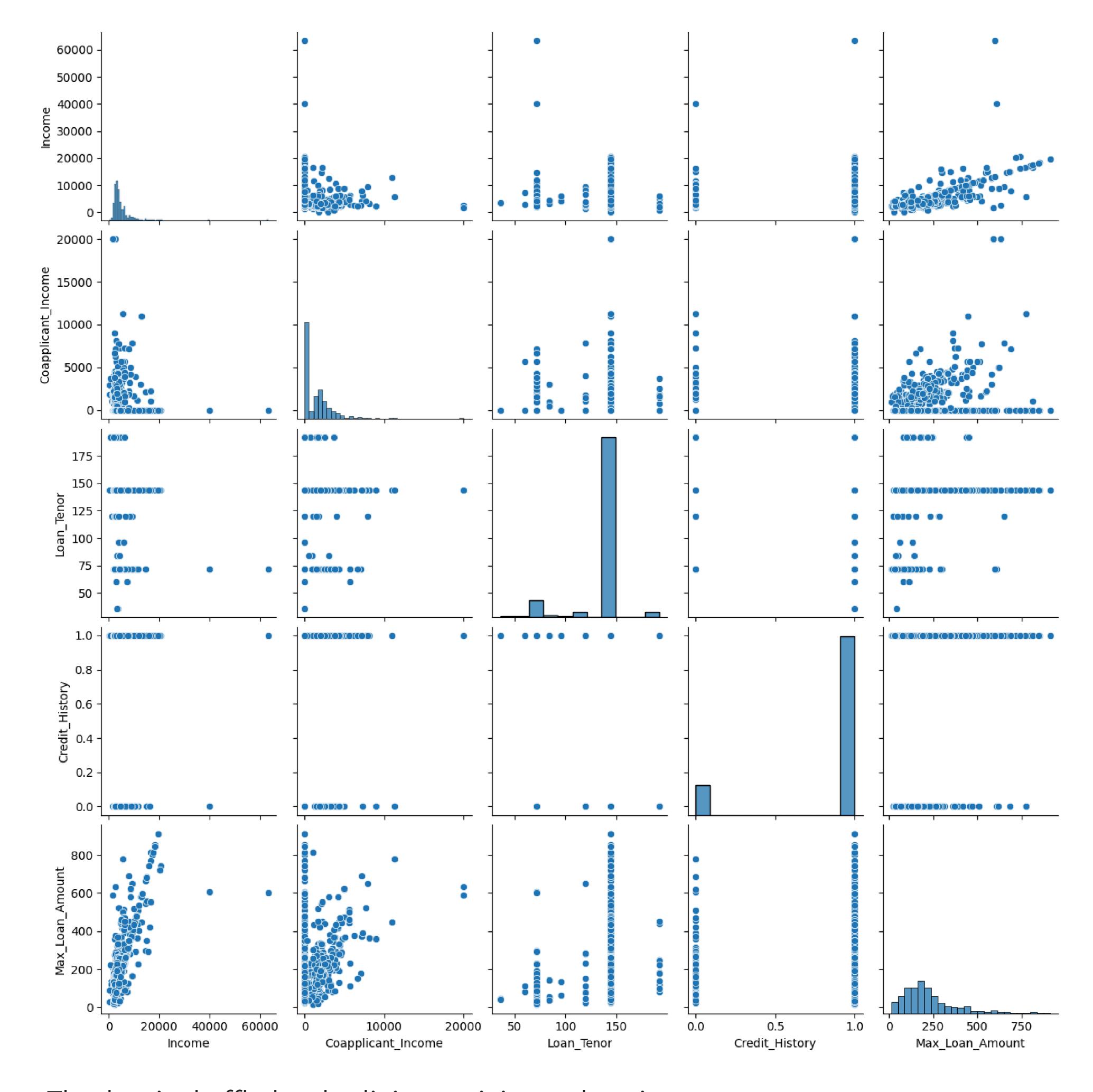
```
In [ ]: clean_df = df.drop(columns=["Loan_ID"]).dropna()
         display(clean df)
                                            Education Income Coapplicant_Income Loan_Tenor Credit_History Property_Area Max_Loan_Amount Loan_Status
             Gender Married Dependents
                                                                           1508.0
                                                                                                                                      236.99
               Male
                         Yes
                                              Graduate
                                                         4583
                                                                                        144.0
                                                                                                         1.0
                                                                                                                     Rural
                                                                                                                                                       Ν
                                              Graduate
                                                                              0.0
                                                                                        144.0
                                                                                                                                       81.20
                                                         3000
                                                                                                                     Urban
                                                                                                                                                       Υ
               Male
                         Yes
                                                                                                         1.0
                                                                                                                     Urban
               Male
                         Yes
                                       0 Not Graduate
                                                         2583
                                                                           2358.0
                                                                                        144.0
                                                                                                         1.0
                                                                                                                                      179.03
                                                                                                                                                       Υ
          3
                                              Graduate
                                                                              0.0
                                                                                        144.0
                                                                                                                                      232.40
               Male
                                                         6000
                                                                                                         1.0
                                                                                                                     Urban
                                                                                                                                                       Υ
                         No
                                                         5417
                                                                                                                    Urban
               Male
                         Yes
                                              Graduate
                                                                           4196.0
                                                                                        144.0
                                                                                                         1.0
                                                                                                                                      414.50
                                                                                                                                                       •••
                                                         2900
                                                                              0.0
                                                                                        144.0
                                                                                                         1.0
                                                                                                                                       76.16
                                              Graduate
       609 Female
                                                                                                                                                       Υ
                         No
                                                                                                                     Rural
                                              Graduate
                                                         4106
                                                                                         72.0
                                                                                                                                       33.47
               Male
        610
                                      3+
                                                                              0.0
                                                                                                         1.0
                                                                                                                     Rural
                                                                                                                                                       Υ
                         Yes
                                                         8072
                                                                                                                     Urban
                                                                                                                                                       Υ
               Male
                                              Graduate
                                                                            240.0
                                                                                        144.0
                                                                                                         1.0
                                                                                                                                      348.92
                         Yes
        611
                                                                                                                                                       Υ
        612
                         Yes
                                              Graduate
                                                         7583
                                                                              0.0
                                                                                        144.0
                                                                                                         1.0
                                                                                                                     Urban
                                                                                                                                       312.18
               Male
                                              Graduate
                                                         4583
                                                                              0.0
                                                                                        144.0
                                                                                                                Semiurban
                                                                                                                                      160.98
        613 Female
                                                                                                        0.0
                                                                                                                                                       Ν
                         No
                                       0
       513 rows × 11 columns
```

# Check the type of each feature, and the scale of numerical features (implies separating the features and the targets)

```
features_df = clean_df.drop(columns=["Max_Loan_Amount", "Loan_Status"])
 targets_df = clean_df[["Max_Loan_Amount", "Loan_Status"]]
 categorical_features_df = features_df.select_dtypes(include=["object"])
 numerical_features_df = features_df.select_dtypes(exclude=["object"])
 print("Categorical features:")
 for col in categorical_features_df.columns:
     print(f"\t- {col}")
 print("Numerical features:")
 for col in numerical_features_df.columns:
     print(
         f"\t- {col} ({numerical_features_df[col].min()} - {numerical_features_df[col].max()})"
Categorical features:
        - Gender
        - Married
        - Dependents
        - Education
        - Property_Area
Numerical features:
        - Income (150 - 63337)
        - Coapplicant_Income (0.0 - 20000.0)
        - Loan_Tenor (36.0 - 192.0)
        - Credit_History (0.0 - 1.0)
```

### Visualize a pairplot between numerical columns

```
In [ ]: sns.pairplot(clean_df.select_dtypes(exclude=["object"]))
   plt.show()
```



# The data is shuffled and split into training and testing sets

```
test_size = 0.2
In [ ]:
        train_size = 1 - test_size
            features_train,
            features_test,
            max_loan_train,
            max_loan_test,
            loan_status_train,
            loan_status_test,
        ) = train_test_split(
            features_df,
            targets_df["Max_Loan_Amount"],
            targets_df["Loan_Status"],
            test_size=test_size,
            train_size=train_size,
            random_state=30,
        print("Features training set")
        display(features_train)
        print("Features testing set")
        display(features_test)
        print("Max loan (target) training")
        display(pd.DataFrame(max_loan_train))
        print("Max loan (target) testing")
        display(pd.DataFrame(max_loan_test))
        print("Loan status (target) training")
        display(pd.DataFrame(loan_status_train))
        print("Loan status (target) testing")
        display(pd.DataFrame(loan_status_test))
```

#### Features training set

	Gender	Married	Dependents	Education	Income	Coapplicant_Income	Loan_Tenor	Credit_History	Property_Area
52	Female	No	0	Graduate	4230	0.0	144.0	1.0	Semiurban
256	Male	No	0	Not Graduate	6045	0.0	144.0	0.0	Rural
191	Male	No	0	Graduate	12000	0.0	144.0	1.0	Semiurban
476	Male	Yes	2	Graduate	6700	1750.0	120.0	1.0	Semiurban
127	Male	No	0	Graduate	3865	1640.0	144.0	1.0	Rural
•••	•••	•••	•••	•••	•••	•••	•••	•••	•••
168	Male	No	0	Graduate	2237	0.0	192.0	0.0	Semiurban
601	Male	Yes	0	Not Graduate	2894	2792.0	144.0	1.0	Rural
362	Male	Yes	0	Graduate	4750	2333.0	144.0	1.0	Urban
516	Female	Yes	2	Graduate	2031	1632.0	192.0	1.0	Semiurban
508	Male	Yes	0	Graduate	2479	3013.0	144.0	1.0	Urban

410 rows × 9 columns

Features testing set

	Gender	Married	Dependents	Education	Income	Coapplicant_Income	Loan_Tenor	Credit_History	Property_Area
462	Male	Yes	0	Graduate	3015	2188.0	144.0	1.0	Rural
186	Male	Yes	1	Graduate	2178	0.0	120.0	0.0	Rural
378	Male	No	0	Graduate	3069	0.0	192.0	1.0	Urban
350	Male	Yes	0	Graduate	9083	0.0	144.0	1.0	Semiurban
215	Male	Yes	3+	Not Graduate	3850	983.0	144.0	1.0	Semiurban
•••	•••	•••	•••	•••	•••	•••	•••	•••	•••
296	Male	Yes	1	Graduate	6875	0.0	144.0	1.0	Semiurban
408	Male	Yes	1	Graduate	8300	0.0	120.0	0.0	Semiurban
557	Male	Yes	3+	Graduate	10139	0.0	144.0	1.0	Semiurban
4	Male	No	0	Graduate	6000	0.0	144.0	1.0	Urban
396	Female	No	0	Graduate	3180	0.0	144.0	0.0	Urban

103 rows × 9 columns

Max loan (target) training

	Max_Loan_Amount
52	143.19
256	234.67
191	404.80
476	284.90
127	207.45
•••	•••
168	80.33
601	216.57
362	286.98
516	176.15
508	206.80

410 rows × 1 columns

Max loan (target) testing

	Max_Loan_Amount
462	192.23
186	21.48
378	136.24
350	387.78
215	173.58
•••	
296	276.50
408	278.60
557	441.01
4	232.40
396	90.27

103 rows × 1 columns

Loan status (target) training

Loan_Sta	atus
52	Ν
256	Ν
191	Ν
476	Υ
127	Υ
•••	•••
168	Ν
601	Υ
362	Υ
516	Υ
508	Υ
Loan status	lumr (ta
Loan_Sta	(ta
	(ta
Loan_Sta	(ta atus Y
Loan_Sta 462 186	(ta atus Y N
Loan_Sta 462 186 378	(ta atus Y N N
Loan_Sta 462 186 378 350	(taatus Y N N
Loan_Sta 462 186 378 350	(taatus Y N N
Loan_Sta  462 186 378 350 215	(taatus Y N N Y Y
Loan_Sta  462  186  378  350  215   296	(taatus Y N N Y Y
Loan_Sta  462  186  378  350  215   296  408	(taatus Y N N Y Y  Y
Loan_Sta  462  186  378  350  215   296  408  557	(taatus Y N N Y Y  Y

#### Encode and standardize training data

```
In [ ]: label_encoders = {}
        standard_scalers = {}
        processed_features_train = pd.DataFrame(index=features_train.index)
        for col in features_train.columns:
            if features_train[col].dtype == "object":
                print(f"Encoding {col}")
                label_encoders[col] = LabelEncoder()
                processed_features_train[col] = label_encoders[col].fit_transform(features_train[col])
                print(f"\t- Before: {label_encoders[col].classes_}")
                print(f"\t- After: {np.unique(processed_features_train[col])}")
            else:
                print(f"Standardizing {col}")
                print(
                    f"\t- Before: {np.min(features_train[col])} to {np.max(features_train[col])}"
                standard_scalers[col] = StandardScaler()
                processed_features_train[col] = standard_scalers[col].fit_transform(features_train[[col]])
                print(
                    f"\t- After: {np.min(processed_features_train[col])} to {np.max(processed_features_train[col])}"
        print(f"Encoding training Loan_Status")
        loan_status_encoder = LabelEncoder()
        processed_loan_status_train = pd.Series(
            loan_status_encoder.fit_transform(loan_status_train),
            name=loan_status_train.name,
        print(f"\t- Before: {loan_status_encoder.classes_}")
        print(f"\t- After: {np.unique(processed_loan_status_train)}")
```

```
Encoding Gender
        - Before: ['Female' 'Male']
        - After: [0 1]
Encoding Married
        - Before: ['No' 'Yes']
        - After: [0 1]
Encoding Dependents
        - Before: ['0' '1' '2' '3+']
        - After: [0 1 2 3]
Encoding Education
        - Before: ['Graduate' 'Not Graduate']
        - After: [0 1]
Standardizing Income
        - Before: 150 to 20233
        - After: -1.4108911693205812 to 4.612990170654418
Standardizing Coapplicant_Income
        - Before: 0.0 to 20000.0
        - After: -0.7642374372880656 to 9.372420951965406
Standardizing Loan_Tenor
        - Before: 36.0 to 192.0
        - After: -4.279730063257255 to 2.311128427687896
Standardizing Credit_History
        - Before: 0.0 to 1.0
        - After: -2.514245129542577 to 0.3977336928089953
Encoding Property Area
        - Before: ['Rural' 'Semiurban' 'Urban']
        - After: [0 1 2]
Encoding training Loan_Status
        - Before: ['N' 'Y']
        - After: [0 1]
```

#### Fit a linear regression model to the data to predict the loan amount

```
In [ ]: linear_model = LinearRegression()
    linear_model.fit(processed_features_train, max_loan_train)
    print(linear_model.feature_names_in_)
    print(linear_model.coef_)

['Gender' 'Married' 'Dependents' 'Education' 'Income' 'Coapplicant_Income'
    'Loan_Tenor' 'Credit_History' 'Property_Area']
    [ 8.04738434     5.07444067     1.1470524     0.90973963     135.1716738
        69.99056105     44.76455521     -0.14625553     -5.69544549]
```

### Evaluate the linear regression model using sklearn's R2 score

```
In [ ]: def preprocess_new_features(label_encoders, standard_scalers, new_features_df):
            processed_new_features_df = pd.DataFrame(index=new_features_df.index)
            for col in new_features_df.columns:
                if new_features_df[col].dtype == "object":
                    print(f"Encoding {col}")
                    processed_new_features_df[col] = label_encoders[col].transform(
                        new_features_df[col]
                    print(f"\t- Before: {label_encoders[col].classes_}")
                    print(f"\t- After: {np.unique(processed_new_features_df[col])}")
                else:
                    print(f"Standardizing {col}")
                    print(
                        f"\t- Before: {np.min(new_features_df[col])} to {np.max(new_features_df[col])}"
                    processed_new_features_df[col] = standard_scalers[col].transform(
                        new_features_df[[col]]
                    print(
                        f"\t- After: {np.min(processed_new_features_df[col])} to {np.max(processed_new_features_df[col])}"
            return processed_new_features_df
        processed_features_test = preprocess_new_features(
            label_encoders, standard_scalers, features_test
        print(f"R^2 score: {linear_model.score(processed_features_test, max_loan_test)}")
```

```
Encoding Gender
        - Before: ['Female' 'Male']
        - After: [0 1]
Encoding Married
        - Before: ['No' 'Yes']
        - After: [0 1]
Encoding Dependents
        - Before: ['0' '1' '2' '3+']
        - After: [0 1 2 3]
Encoding Education
        - Before: ['Graduate' 'Not Graduate']
        - After: [0 1]
Standardizing Income
        - Before: 645 to 63337
        - After: -1.2624162769594984 to 17.542003827891005
Standardizing Coapplicant_Income
        - Before: 0.0 to 20000.0
        - After: -0.7642374372880656 to 9.372420951965406
Standardizing Loan Tenor
        - Before: 72.0 to 192.0
        - After: -2.7587627191929895 to 2.311128427687896
Standardizing Credit_History
        - Before: 0.0 to 1.0
        - After: -2.514245129542577 to 0.3977336928089953
Encoding Property Area
        - Before: ['Rural' 'Semiurban' 'Urban']
        - After: [0 1 2]
R^2 score: -0.5251056058080019
```

### Fit a logistic regression model to the data to predict the loan status

```
In [ ]: def sigmoid(z):
            return 1 / (1 + np.exp(-z))
        def lg_gradient_descent(learning_rate, epochs, X, y):
            X = np.hstack([np.ones((X.shape[0], 1)), X])
            m, n = X.shape
            weights = np.zeros(n)
            for _ in range(epochs):
                z = np.dot(X, weights)
                h = sigmoid(z)
                diff = h - y
                gradients = np.dot(X.T, diff) / m
                weights -= learning_rate * gradients
            return weights
        def lg_predict(weights, X):
            X = np.hstack([np.ones((X.shape[0], 1)), X])
            z = np.dot(X, weights)
            predictions = sigmoid(z)
            return (predictions > 0.5).astype(int)
        X_lg_train = processed_features_train.values
        y_lg_train = processed_loan_status_train.values
        lg_learning_rate = 0.01
        lg_{epochs} = 500
        lg_weights = lg_gradient_descent(lg_learning_rate, lg_epochs, X_lg_train, y_lg_train)
        print(lg_weights)
        0.24781252  0.21340219  0.23157128  0.11927769  -0.03217559  -0.02974246
        -0.08151931 0.03982184 0.71663979 0.18471291
```

## Write a function (from scratch) to calculate the accuracy of the model

# Load the "loan\_new.csv" dataset, perform the same preprocessing on it (except shuffling and splitting)

```
Encoding Gender
        - Before: ['Female' 'Male']
        - After: [0 1]
Encoding Married
        - Before: ['No' 'Yes']
        - After: [0 1]
Encoding Dependents
        - Before: ['0' '1' '2' '3+']
        - After: [0 1 2 3]
Encoding Education
        - Before: ['Graduate' 'Not Graduate']
        - After: [0 1]
Standardizing Income
        - Before: 0 to 72529
        - After: -1.4558835609451517 to 20.299137586644687
Standardizing Coapplicant_Income
        - Before: 0 to 24000
        - After: -0.7642374372880656 to 11.399752629816101
Standardizing Loan_Tenor
        - Before: 12.0 to 192.0
        - After: -5.293708292633433 to 2.311128427687896
Standardizing Credit_History
        - Before: 0.0 to 1.0
        - After: -2.514245129542577 to 0.3977336928089953
Encoding Property_Area
        - Before: ['Rural' 'Semiurban' 'Urban']
        - After: [0 1 2]
```

## Use your models on this data to predict the loan amounts and status

	Loan_ID	Gender	Married	Dependents	Education	Income	Coapplicant_Income	Loan_Tenor	Credit_History	Property_Area	Max_Loan_Amount	Loan_Status
0	LP001015	Male	Yes	0	Graduate	5720	0	144.0	1.0	Urban	216.550166	Υ
1	LP001022	Male	Yes	1	Graduate	3076	1500	144.0	1.0	Urban	163.707455	Υ
2	LP001031	Male	Yes	2	Graduate	5000	1800	144.0	1.0	Urban	253.504462	Υ
4	LP001051	Male	No	0	Not Graduate	3276	0	144.0	1.0	Urban	113.294350	Υ
5	LP001054	Male	Yes	0	Not Graduate	2165	3422	144.0	1.0	Urban	194.714076	Υ
6	LP001055	Female	No	1	Not Graduate	2226	0	144.0	1.0	Semiurban	69.517586	Υ
7	LP001056	Male	Yes	2	Not Graduate	3881	0	144.0	0.0	Rural	157.009190	N
8	LP001059	Male	Yes	2	Graduate	13633	0	96.0	1.0	Urban	448.893485	Υ
9	LP001067	Male	No	0	Not Graduate	2400	2400	144.0	1.0	Semiurban	168.609135	Υ
10	LP001078	Male	No	0	Not Graduate	3091	0	144.0	1.0	Urban	105.793591	Υ
11	LP001082	Male	Yes	1	Graduate	2185	1516	144.0	1.0	Semiurban	133.845197	Υ
13	LP001094	Male	Yes	2	Graduate	12173	0	144.0	0.0	Semiurban	486.600209	Ν
14	LP001096	Female	No	0	Graduate	4666	0	144.0	1.0	Semiurban	166.389729	Υ
15	LP001099	Male	No	1	Graduate	5667	0	144.0	1.0	Urban	210.473911	Υ
16	LP001105	Male	Yes	2	Graduate	4583	2916	144.0	1.0	Urban	276.185794	Υ
17	LP001107	Male	Yes	3+	Graduate	3786	333	144.0	1.0	Semiurban	159.086106	Υ
18	LP001108	Male	Yes	0	Graduate	9226	7916	144.0	1.0	Urban	639.508082	Υ
19	LP001115	Male	No	0	Graduate	1300	3470	72.0	1.0	Semiurban	24.886098	Υ
20	LP001121	Male	Yes	1	Not Graduate	1888	1620	144.0	1.0	Urban	120.706978	Υ
21	LP001124	Female	No	3+	Not Graduate	2083	0	72.0	1.0	Urban	-75.852493	Υ
23	LP001135	Female	No	0	Not Graduate	3765	0	144.0	1.0	Urban	125.073298	Υ
24	LP001149	Male	Yes	0	Graduate	5400	4380	144.0	1.0	Urban	358.949898	Υ
25	LP001153	Male	No	0	Graduate	0	24000	144.0	0.0	Rural	842.741624	N
27	LP001169	Male	Yes	0	Graduate	7500	3750	144.0	1.0	Urban	421.745337	Y
29	LP001176	Male	No	0	Graduate	2942	2382	72.0	1.0	Urban	47.169771	Y
30	LP001177	Female	No		Not Graduate	2478	0	144.0	1.0	Semiurban	78.587784	Y
31	LP001183	Male	Yes	2	Graduate	6250	820	144.0	1.0	Urban	269.421220	Y
32	LP001185	Male	No	0	Graduate	3268	1683	144.0	1.0	Semiurban	177.457634	Y
33	LP001187	Male	Yes	0	Graduate	2783	2708	144.0	1.0	Urban	193.532834	Y
34	LP001190	Male	Yes	0	Graduate	2740	1541	144.0	1.0	Urban	150.391816	Y
35	LP001203	Male	No	0	Graduate	3150	0	144.0	0.0	Semiurban	113.397324	N
36	LP001203	Male	Yes	2		7350	4029	72.0	1.0	Urban	291.684004	Y
37	LP001208	Male	Yes	0	Graduate	2267	2792	144.0	1.0	Urban	175.591572	\ \
38												Y
	LP001211	Male	No	0	Graduate	5833	1063	144.0	1.0	Urban	216.057270	T V
39	LP001219	Male	No	0	Graduate	3643	1963	144.0	1.0	Urban	196.899016	Y
40	LP001220	Male	Yes	0	Graduate	5629	818	144.0	1.0	Urban	241.877943	\ \ \
41	LP001221	Female	No	0	Graduate	3644	2024	144.0	1.0	Urban	119.257656	Y
42	LP001226	Male	Yes		Not Graduate	1750	2024	144.0	1.0	Semiurban	133.991512	Y
43	LP001230	Male	No	0	Graduate	6500	2600	144.0	1.0	Semiurban	341.027147	1
44	LP001231	Female	No	0	Graduate	3666	0	144.0	1.0	Urban	120.149638	Y
47	LP001242	Male	No		Not Graduate	2356	1902	144.0	1.0	Semiurban	149.159357	1
49	LP001270	Male	Yes	3+	Not Graduate	8000	250	144.0	1.0	Semiurban	327.906681	Y
50	LP001284	Male	Yes	1	Graduate	2419	1707	144.0	1.0	Urban	144.412641	Y
52	LP001291	Male	Yes	1	Graduate	3500	3077	144.0	1.0	Semiurban	242.535572	Υ
53	LP001298	Male	Yes	2		4116	1000	72.0	1.0	Urban	53.113326	Y
54	LP001312	Male	Yes		Not Graduate	5293	0	144.0	1.0	Urban	200.147342	Y
55	LP001313	Male	No	0	Graduate	2750	0	144.0	0.0	Urban	91.484020	N
56	LP001317		No		Not Graduate	4402	0	144.0	1.0	Rural	162.291128	Υ
57	LP001321	Male	Yes	2	Graduate	3613	3539	72.0	1.0	Semiurban	128.482083	Υ
58	LP001323	Female	Yes	2	Graduate	2779	3664	144.0	0.0	Semiurban	227.651400	N
59	LP001324	Male	Yes	3+	Graduate	4720	0	72.0	1.0	Semiurban	48.971269	Υ
60	LP001332	Male	Yes	0	Not Graduate	2415	1721	144.0	1.0	Semiurban	150.205225	Υ
61	LP001335	Male	Yes	0	Graduate	7016	292	144.0	1.0	Urban	279.454295	Υ
62	LP001338	Female	No	2	Graduate	4968	0	144.0	1.0	Semiurban	180.928317	Υ
63	LP001347	Female	No	0	Graduate	2101	1500	144.0	0.0	Rural	121.724332	N
64	LP001348	Male	Yes	3+	Not Graduate	4490	0	144.0	1.0	Urban	171.031148	Υ
65	LP001351	Male	Yes	0	Graduate	2917	3583	144.0	1.0	Semiurban	235.700592	Υ
66	LP001352	Male	Yes	0	Not Graduate	4700	0	144.0	0.0	Semiurban	182.225705	Ν
67	LP001358	Male	Yes	0	Graduate	3445	0	144.0	0.0	Semiurban	130.432435	N

	Loan_ID	Gender	Married	Dependents	Education	Income	Coapplicant_Income	Loan_Tenor	Credit_History	Property_Area	Max_Loan_Amount	Loan_Status
68	LP001359	Male	Yes	0	Graduate	7666	0	144.0	1.0	Semiurban	301.145492	Υ
69	LP001361	Male	Yes	0	Graduate	2458	5105	144.0	0.0	Rural	277.202636	Ν
71	LP001368	Male	No	0	Graduate	4463	0	144.0	1.0	Semiurban	166.206551	Υ
72	LP001375	Male	Yes	1	Graduate	4083	1775	60.0	1.0	Urban	55.425136	Y
73	LP001380	Male	Yes	0	Graduate	3900	2094	144.0	1.0	Rural	228.431353	Υ
74	LP001386	Male	Yes	0	Not Graduate	4750	3583	144.0	1.0	Semiurban	310.928668	Y
75	LP001400	Male	No	0	Graduate	3583	3435	144.0	1.0	Urban	246.683359	Y
76	LP001407	Male	Yes	0	Graduate	3189	2367	144.0	1.0	Urban	197.897490	Y
77	LP001413	Male	No	0		6356	0	144.0	1.0	Rural	248.653011	Υ
78	LP001415	Male	Yes	1	Graduate	3413	4053	144.0	1.0	Semiurban	273.630344	Y
	LP001419			0		7950	0		1.0		298.917342	· V
	LP001420	Male	Yes	3+	Graduate	3829	1103	144.0	0.0	Urban	182.874584	N
	LP001428	Male	Yes	3+	Graduate	72529	0	144.0	1.0	Urban	2928.738570	Y
	LP001445	Male	Yes		Not Graduate	4136	0	192.0	0.0	Rural	258.128644	N
	LP001446	Male	Yes	0		8449	0	144.0	1.0	Rural	338.587395	Υ
84	LP001450	Male	Yes	0		4456	0	72.0	0.0	Semiurban	35.252219	N
85	LP001452	Male	Yes	2		4635	8000	72.0	1.0	Rural	333.861531	Υ
86	LP001455	Male	Yes	0	Graduate	3571	1917	144.0	1.0	Urban	197.422460	Y
87	LP001466	Male	No	0	Graduate	3066	0	144.0	1.0	Semiurban	109.565680	Υ
88	LP001471	Male	No	2	Not Graduate	3235	2015	144.0	1.0	Semiurban	191.100714	Υ
89	LP001472	Female	No	0	Graduate	5058	0	144.0	1.0	Rural	187.978676	Υ
91	LP001483	Male	Yes	3+	Graduate	13518	0	144.0	1.0	Rural	547.549363	Υ
92	LP001486	Male	Yes	1	Graduate	4364	2500	144.0	1.0	Semiurban	257.097925	Υ
93	LP001490	Male	Yes	2	Not Graduate	4766	1646	144.0	1.0	Semiurban	245.159278	Υ
94	LP001496	Male	Yes	1	Graduate	4609	2333	144.0	0.0	Semiurban	261.533178	Ν
95	LP001499	Female	Yes	3+	Graduate	6260	0	144.0	1.0	Semiurban	239.533493	Υ
96	LP001500	Male	Yes	1	Graduate	3333	4200	144.0	1.0	Urban	269.905934	Y
97	LP001501	Male	Yes	0	Graduate	3500	3250	144.0	1.0	Semiurban	247.525439	Y
98	LP001517	Male	Yes	3+	Graduate	9719	0	144.0	1.0	Urban	382.129362	Υ
100	LP001534	Male	No	0		4452	0	144.0	1.0	Rural	171.456005	Y
101	LP001542		Yes	0		2262	0	192.0	0.0	Semiurban	165.201303	N
102	LP001547	Male	Yes	1	Graduate	3901	0	144.0	1.0	Urban	143.946507	Y
	LP001548	Male	Yes	2	Not Graduate	2687	0	72.0	1.0	Rural	-27.997863	Y
105			Yes	0		3417	1287	144.0	1.0	Semiurban	166.478328	Y
				3+								\ \ \ \
107	LP001567	Male	Yes		Graduate	4513	0	144.0	1.0	Rural	182.444826	•
108	LP001568	Male	Yes	0	Graduate	4500	0	144.0	1.0	Semiurban	172.781143	Y
109	LP001573	Male 	Yes		Not Graduate	4523	1350	144.0	1.0	Urban	216.817217	Y
110	LP001584		No	0		4742	0	144.0	1.0	Semiurban	169.471123	Y
	LP001589		No	0		3417	0	144.0	1.0	Urban	110.054021	Υ
113	LP001591	Female	Yes	2	Graduate	2922	3396	144.0	1.0	Semiurban	223.516488	Υ
114	LP001599	Male	Yes	0	Graduate	4167	4754	144.0	1.0	Rural	333.616338	Υ
116	LP001607	Female	No	0	Not Graduate	0	1760	144.0	1.0	Semiurban	40.551547	Υ
118	LP001613	Female	No	0	Graduate	1762	2666	144.0	0.0	Urban	137.950931	Ν
119	LP001622	Male	Yes	2	Graduate	724	3510	144.0	0.0	Rural	152.612060	N
120	LP001627	Male	No	0	Graduate	3125	0	144.0	1.0	Urban	106.262369	Υ
121	LP001650	Male	Yes	0	Graduate	2333	3803	144.0	1.0	Rural	225.522139	Υ
122	LP001651	Male	Yes	3+	Graduate	3350	1560	144.0	1.0	Urban	179.239204	Υ
123	LP001652	Male	No	0	Graduate	2500	6414	144.0	0.0	Rural	320.265909	Ν
124	LP001655	Female	No	0	Graduate	12500	0	144.0	0.0	Urban	478.746933	Ν
125	LP001660	Male	No	0	Graduate	4667	0	144.0	1.0	Semiurban	174.477658	Y
126	LP001662	Male	No	0	Graduate	6500	0	144.0	0.0	Urban	243.526442	Ν
127	LP001663	Male	Yes	2		7500	0	144.0	1.0	Urban	291.013740	Υ
128	LP001667	Male	No	0		3073	0	72.0	1.0	Urban	-32.016806	Y
130	LP001703	Male	Yes	0		3333	1270	144.0	1.0	Urban	164.821467	Y
131	LP001703	Male	No	0		3391	0	144.0	1.0	Rural	128.438136	Y
				0								Y
132	LP001725	Male	Yes		Graduate	3343	1517	144.0	1.0	Rural	186.526816	·
133	LP001735		No	1	Graduate	3620	0	144.0	1.0	Urban	119.431637	Y
134	LP001737	Male	No	0	Graduate	4000	0	84.0	1.0	Urban	28.263223	Y
135	LP001739	Male	Yes	0	Graduate	4258	0	144.0	1.0	Urban	157.273893	Y

	Loan_ID	Gender	Married	Dependents	Education	Income	Coapplicant_Income	Loan_Tenor	Credit_History	Property_Area	Max_Loan_Amount	Loan_Status
136	LP001742	Male	Yes	2	Graduate	4500	0	144.0	1.0	Rural	180.770694	Υ
137	LP001757	Male	Yes	1	Graduate	2014	2925	144.0	1.0	Rural	182.589699	Υ
140	LP001785	Male	No	0	Graduate	4727	0	144.0	0.0	Rural	183.031676	N
141	LP001787	Male	Yes	3+	Graduate	3089	2999	96.0	1.0	Rural	140.313769	Υ
142	LP001789	Male	Yes	3+	Not Graduate	6794	528	144.0	0.0	Urban	283.601924	Ν
144	LP001794	Male	Yes	2	Graduate	10890	0	12.0	1.0	Rural	190.204416	Υ
145	LP001797	Female	No	0	Graduate	12941	0	120.0	1.0	Urban	450.810944	Υ
146	LP001815	Male	No	0	Not Graduate	3276	0	144.0	1.0	Semiurban	118.989796	Υ
147	LP001817	Male	No	0	Not Graduate	8703	0	144.0	0.0	Rural	345.146927	Ν
148	LP001818	Male	Yes	1	Graduate	4742	717	144.0	1.0	Semiurban	209.174514	Υ
149	LP001822	Male	No	0	Graduate	5900	0	144.0	1.0	Urban	218.773761	Υ
150	LP001827	Male	No	0	Graduate	3071	4309	144.0	1.0	Urban	256.928358	Υ
151	LP001831	Male	Yes	0	Graduate	2783	1456	144.0	1.0	Urban	149.119986	Υ
152	LP001842	Male	No	0	Graduate	5000	0	144.0	1.0	Rural	193.674471	Υ
153	LP001853	Male	Yes	1	Not Graduate	2463	2360	144.0	0.0	Urban	170.696447	N
154	LP001855	Male	Yes	2	Graduate	4855	0	144.0	1.0	Rural	195.164043	Υ
155	LP001857	Male	No	0	Not Graduate	1599	2474	120.0	1.0	Semiurban	93.367630	Υ
156	LP001862	Male	Yes	2	Graduate	4246	4246	144.0	1.0	Urban	309.702030	Υ
157	LP001867	Male	Yes	0	Graduate	4333	2291	140.0	1.0	Rural	245.410421	Υ
158	LP001878	Male	No	1	Graduate	5823	2529	144.0	1.0	Semiurban	312.206855	Υ
159	LP001881	Male	Yes	0	Not Graduate	7895	0	144.0	1.0	Rural	317.035401	Υ
160	LP001886	Male	No	0	Graduate	4150	4256	144.0	1.0	Rural	310.186825	Υ
161	LP001906	Male	No	0	Graduate	2964	0	144.0	0.0	Semiurban	105.856020	N
162	LP001909	Male	No	0	Graduate	5583	0	144.0	1.0	Urban	205.921109	Υ
163	LP001911	Female	No	0	Graduate	2708	0	144.0	1.0	Rural	92.698758	Υ
165	LP001923	Male	No	0	Not Graduate	2268	0	144.0	0.0	Semiurban	78.546686	N
166	LP001933	Male	No	2	Not Graduate	1141	2017	144.0	0.0	Urban	101.001620	N
167	LP001943	Male	Yes	0	Graduate	3042	3167	144.0	1.0	Urban	220.316243	Υ
168	LP001950	Female	Yes	3+	Graduate	1750	2935	144.0	0.0	Semiurban	161.217815	N
169	LP001959	Female	Yes	1	Graduate	3564	0	144.0	1.0	Rural	133.626468	Υ
170	LP001961	Female	No	0	Graduate	3958	0	144.0	1.0	Rural	143.379566	Υ
171	LP001973	Male	Yes	2	Not Graduate	4483	0	144.0	1.0	Rural	180.991174	Υ
172	LP001975	Male	Yes	0	Graduate	5225	0	144.0	1.0	Rural	207.871457	Υ
173	LP001979	Male	No	0	Graduate	3017	2845	72.0	0.0	Urban	67.060752	N
174	LP001995	Male	Yes	0	Not Graduate	2431	1820	144.0	0.0	Rural	160.487156	N
175	LP001999	Male	Yes	2	Graduate	4912	4614	144.0	1.0	Rural	361.149911	Υ
176	LP002007	Male	Yes	2	Not Graduate	2500	3333	144.0	1.0	Urban	207.433494	Υ
178	LP002016	Male	Yes	2	Graduate	5128	0	144.0	1.0	Rural	206.232731	Υ
180	LP002018	Male	Yes	2	Graduate	3958	2632	144.0	1.0	Semiurban	246.466356	Υ
181	LP002027	Male	Yes	0	Graduate	4334	2945	144.0	1.0	Semiurban	270.520250	Υ
182	LP002028	Male	Yes	2	Graduate	4358	0	144.0	1.0	Urban	163.622463	Υ
183	LP002042	Female	Yes	1	Graduate	4000	3917	144.0	1.0	Rural	290.253713	Υ
186	LP002047	Male	Yes	2	Not Graduate	4521	1184	144.0	1.0	Semiurban	218.837073	Υ
187	LP002056	Male	Yes	2	Graduate	9167	0	144.0	1.0	Semiurban	364.297110	Υ
188	LP002057	Male	Yes	0	Not Graduate	13083	0	144.0	1.0	Rural	527.381024	Υ
189	LP002059	Male	Yes	2	Graduate	7874	3967	144.0	1.0	Rural	458.291784	Υ
190	LP002062	Female	Yes	1	Graduate	4333	0	84.0	1.0	Rural	51.329590	Υ
191	LP002064	Male	No	0	Graduate	4083	0	144.0	1.0	Urban	145.104140	Υ
192	LP002069	Male	Yes	2	Not Graduate	3785	2912	144.0	0.0	Rural	256.415796	N
193	LP002070	Male	Yes	3+	Not Graduate	2654	1998	144.0	0.0	Rural	179.284056	N
194	LP002077	Male	Yes	1	Graduate	10000	2690	144.0	1.0	Semiurban	492.347518	Υ
195	LP002083	Male	No	0	Graduate	5833	0	144.0	1.0	Urban	216.057270	Υ
196	LP002090	Male	Yes	1	Graduate	4796	0	144.0	0.0	Semiurban	186.355304	N
197	LP002096	Male	Yes	0	Not Graduate	2000	1600	144.0	1.0	Rural	134.782346	Υ
198	LP002099	Male	Yes	2	Graduate	2540	700	144.0	0.0	Urban	115.169654	N
199	LP002102	Male	Yes	0	Graduate	1900	1442	144.0	1.0	Rural	124.213326	Υ
200	LP002105	Male	Yes	0	Graduate	8706	0	192.0	1.0	Rural	439.787938	Υ
201	LP002107	Male	Yes	3+	Not Graduate	2855	542	144.0	1.0	Urban	123.967300	Υ
203	LP002117	Female	Yes	0	Graduate	3159	2374	144.0	1.0	Semiurban	194.577526	Y

	Loan_ID	Gender	Married	Dependents	Education	Income	Coapplicant_Income	Loan_Tenor	Credit_History	Property_Area	Max_Loan_Amount	Loan_Status
204	LP002118	Female	No	0	Graduate	1937	1152	144.0	1.0	Semiurban	96.608886	Υ
205	LP002123	Male	Yes	0	Graduate	2613	2417	144.0	1.0	Semiurban	182.012895	Υ
206	LP002125	Male	Yes	1	Graduate	4960	2600	144.0	1.0	Semiurban	284.809886	Υ
207	LP002148	Male	Yes	1	Graduate	3074	1083	144.0	1.0	Semiurban	154.529353	Υ
208	LP002152	Female	No	0	Graduate	4213	0	144.0	1.0	Urban	142.327559	Υ
210	LP002167	Female	No	0	Graduate	2362	0	144.0	1.0	Urban	67.279420	Υ
211	LP002168	Male	No	0	Graduate	5333	2400	144.0	0.0	Rural	292.738180	Ν
212	LP002172	Male	Yes	3+	Graduate	5384	0	144.0	1.0	Semiurban	212.063767	Υ
213	LP002176	Male	No	0	Graduate	5708	0	144.0	1.0	Rural	222.380080	Y
215	LP002184	Male	Yes	0	Not Graduate	2914	2130	120.0	1.0	Urban	133.859943	Υ
216	LP002186	Male	Yes	0	Not Graduate	2747	2458	36.0	1.0	Semiurban	-14.446248	Υ
217	LP002192	Male	Yes	0	Graduate	7830	2183	144.0	1.0	Rural	390.928955	Υ
218	LP002195	Male	Yes	1	Graduate	3507	3148	144.0	1.0	Rural	251.033450	Υ
219	LP002208	Male	Yes	1	Graduate	3747	2139	144.0	1.0	Urban	213.580492	Υ
221	LP002240	Male	Yes	0	Not Graduate	3500	2168	144.0	1.0	Rural	215.748275	Υ
222	LP002245	Male	Yes	2	Not Graduate	2896	0	192.0	1.0	Urban	196.036499	Υ
223	LP002253	Female	No	1	Graduate	5062	0	120.0	1.0	Rural	143.897623	Υ
224	LP002256	Female	No	2	Graduate	5184	0	144.0	0.0	Semiurban	190.111854	N
225		Female	No	0	Graduate	2545	0	144.0	1.0	Urban	74.699090	Y
226	LP002264	Male	Yes	0	Graduate	2553	1768	144.0	1.0	Urban	150.862456	Y
227	LP002270	Male	Yes	1	Graduate	3436	3809	144.0	1.0	Rural	271.602777	Y
228	LP002279	Male	No	0	Graduate	2412	2755	144.0	1.0	Rural	186.474476	Y
229	LP002286	Male	Yes	3+	Not Graduate	5180	0	144.0	0.0	Urban	199.432847	N
230	LP002294	Male	No	0	Graduate	14911	14507	144.0	1.0	Semiurban 	1104.431371	Y
	LP002306	Male	Yes	0		1173	1594	72.0	1.0	Rural	-36.041510	Y
233	LP002310	Female	No	1	Graduate	7600	1700	144.0	1.0	Semiurban	286.494773	Y
234	LP002311	Female	Yes	0	Graduate	2157	1788	144.0	1.0	Urban	127.468863	Y
235	LP002316 LP002321	Male Female	No No	0	Graduate Graduate	2231 2274	2774 5211	144.0	0.0	Urban Semiurban	168.844894 254.685344	N N
237	LP002325	Male	Yes		Not Graduate	6166	13983	144.0	1.0	Rural	745.254049	Y
238	LP002326	Male	Yes		Not Graduate	2513	1110	144.0	1.0	Semiurban	134.798384	Y
239	LP002329	Male	No	0	Graduate	4333	0	192.0	1.0	Urban	246.020870	Y
240	LP002333	Male	No		Not Graduate	3844	0	144.0	1.0	Urban	136.323709	Y
241	LP002339	Male	Yes	0	Graduate	3887	1517	144.0	0.0	Semiurban	202.166499	N
242	LP002344	Male	Yes	0	Graduate	3510	828	144.0	1.0	Semiurban	162.014019	Υ
243	LP002346	Male	Yes	0	Graduate	2539	1704	144.0	0.0	Rural	159.841310	N
244	LP002354	Female	No	0	Not Graduate	2107	0	144.0	1.0	Semiurban	63.545720	Υ
246	LP002358	Male	Yes	2	Graduate	5000	2166	144.0	1.0	Urban	266.487771	Υ
248	LP002375	Male	Yes	0	Not Graduate	3943	0	144.0	1.0	Semiurban	151.107515	Υ
249	LP002376	Male	No	0	Graduate	2925	0	72.0	1.0	Rural	-26.626522	Υ
250	LP002383	Male	Yes	3+	Graduate	3242	437	192.0	0.0	Urban	226.230081	Ν
252	LP002389	Female	No	1	Graduate	4028	0	144.0	1.0	Semiurban	141.669298	Υ
253	LP002394	Male	Yes	2	Graduate	4010	1025	144.0	1.0	Urban	185.873285	Υ
254	LP002397	Female	Yes	1	Graduate	3719	1585	144.0	1.0	Urban	184.745527	Υ
255	LP002399	Male	No	0	Graduate	2858	0	144.0	0.0	Rural	107.253733	Ν
256	LP002400	Female	Yes	0	Graduate	3833	0	144.0	1.0	Rural	143.385926	Υ
257	LP002402	Male	Yes	0	Graduate	3333	4288	144.0	1.0	Urban	271.880551	Υ
258	LP002412	Male	Yes	0	Graduate	3007	3725	144.0	1.0	Rural	250.082296	Υ
260	LP002417	Male	Yes	3+	Not Graduate	2792	2619	144.0	1.0	Semiurban	200.786935	Υ
261	LP002420	Male	Yes	0	Graduate	2982	1550	144.0	1.0	Semiurban	166.218327	Υ
263	LP002433	Male	Yes	1	Graduate	18840	0	144.0	1.0	Rural	761.033863	Υ
264	LP002440	Male	Yes	2	Graduate	2995	1120	144.0	1.0	Rural	159.481344	Υ
266	LP002442	Female	Yes	1	Not Graduate	3835	1400	192.0	0.0	Urban	275.002306	Ν
267	LP002445	Female	No	1	Not Graduate	3854	3575	144.0	1.0	Rural	268.037550	Υ
268	LP002450	Male	Yes	2	Graduate	5833	750	144.0	0.0	Rural	261.847740	N
269	LP002471	Male	No	0	Graduate	3508	0	144.0	1.0	Rural	133.181859	Υ
270	LP002476	Female	Yes		Not Graduate	1635	2444	144.0	1.0	Urban	133.926084	Y
271	LP002482	Female	No	0	Graduate	3333	3916	144.0	1.0	Rural	256.953468	Y
272	LP002485	Male	No	1	Graduate	24797	0	144.0	1.0	Semiurban	991.788433	Υ

2007   2007		Loan_ID	Gender	Married	Dependents	Education	Income	Coapplicant_Income	Loan_Tenor	Credit_History	Property_Area	Max_Loan_Amount	Loan_Status
1982   1982	273	LP002495	Male	Yes	2	Graduate	5667	440	144.0	0.0	Semiurban	238.425092	N
1982   1982	274	LP002496	Female	No	0	Graduate	3500	0	144.0	0.0	Semiurban	119.540565	N
1985   1986	275	LP002523	Male	Yes	3+	Graduate	2773	1497	144.0	1.0	Semiurban	159.305557	Υ
1982   1982	276	LP002542	Male	Yes	0	Graduate	6500	0	144.0	1.0	Urban	248.174990	Υ
1988   1	277	LP002550	Female	No	0	Graduate	5769	0	72.0	1.0	Semiurban	74.939621	Υ
1908   1908	278	LP002551	Male	Yes	3+	Not Graduate	3634	910	144.0	0.0	Semiurban	174.727173	N
The color of the	280	LP002554	Male	No	0	Graduate	2166	2057	144.0	1.0	Semiurban	146.044531	Υ
The color of the	281	LP002561	Male	Yes	0	Graduate	5000	0	144.0	1.0	Rural	198.748912	Υ
1869  1869	283	LP002568	Male	No	0		9000	0		1.0		356.762794	Υ
1885													Υ
1979   1979					1								·
The color of the					0								· · · · · · · · · · · · · · · · · · ·
1809   1909													·
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					1								
1908   1908													,
1900    1900	291	LP002604	Male	Yes	2	Graduate	3166	2833	144.0	1.0	Urban	215.789728	Υ
1905    1905    1906    1906    1906    1906    1906    1906    100	292	LP002605	Male	No	0	Not Graduate	3271	0	144.0	1.0	Rural	124.482518	Υ
1995   199628   199628   199628   199628   1996   1996   1996   1996   1996   1996   1996   199628	293	LP002609	Female	Yes	0	Graduate	2241	2000	144.0	0.0	Urban	138.820892	N
1900  1900	294	LP002610	Male	Yes	1	Not Graduate	1792	2565	144.0	1.0	Urban	150.337169	Υ
1989   1902/255   Female   1985   2   Neel Girdulate   3729   0   1440   10   Semilaroan   136.677881   1998   1	295	LP002612	Female	Yes	0	Graduate	2666	0	192.0	1.0	Semiurban	181.155447	Υ
200	297	LP002630	Male	No	0	Not Graduate	3808	0	144.0	1.0	Rural	146.254993	Υ
	298	LP002635	Female	Yes	2	Not Graduate	3729	0	144.0	1.0	Semiurban	136.677681	Υ
1909  1909	299	LP002639	Male	Yes	2	Graduate	4120	0	144.0	1.0	Rural	165.363728	Υ
304         L*900271         Male         Yes         0         Greenute         2000         700         144.0         1.0         Semiurban         120,577780         Y           306         L9002731         Male         Yes         2         Crasuate         2000         0         144.0         1.0         Rural         302,404831         Y           307         FORDITA         Male         Yes         2         Crasuate         6825         0         144.0         1.0         Rural         255,893943         Y           309         LP002745         Male         Yes         0         Graduate         5374         0         144.0         1.0         Oberation         30,339,33939         Y           310         LP002747         Male         No         3         Graduate         2366         5272         144.0         0         0         Demale         No         3         Graduate         236         5272         144.0         0         Demale         No         3         Famile         No         3         Graduate         236         5272         144.0         1.0         Uban         792,845633         Y           314         LP002789	300	LP002644	Male	Yes	1	Graduate	7500	0	144.0	1.0	Urban	289.866688	Υ
1906   1902/21   Mair   Mar.   Mar.   12   Cardella   7500   0   144.0   1.0   Rural   195.69135   Mar.	301	LP002651	Male	Yes	1	Graduate	6300	0	144.0	0.0	Urban	241.639006	N
307         POD2725         Male         Yes         2         Not Graduate         3859         0         144.0         1.0         Bural         155,891315         Y           308         LPD02744         Male         Yes         1         Graduate         625         0         144.0         1.0         Bural         223,89943         Y           309         LPD02746         Male         Yes         1         Graduate         3708         4700         144.0         1.0         Semilarban         307,395330         Y           310         LPD02747         Female         Na         3         Graduate         2314         0         144.0         1.0         Bural         259,715939         N           313         LPD02786         Female         Na         3         Graduate         2366         9272         144.0         1.0         Bural         259,715939         N           314         LPD02786         Female         Yes         0         Graduate         2366         879         972.0         1.0         Urban         185,335888         Y           316         LPD02786         Female         Yes         0         Not Graduate         2678	304	LP002711	Male	Yes	0	Graduate	2600	700	144.0	1.0	Semiurban	120.577780	Υ
1900/744   Male   Yes   1   Graduate   8375   0   144.0   1.0   Semiurban   307.395330   Y   309   1700/745   Male   Yes   0   Graduate   3708   4700   144.0   1.0   Semiurban   307.395330   Y   310   1700/745   Male   No   0   Graduate   5314   0   144.0   0.0   0   Urban   155.014599   N   311   1700/745   Female   No   0   Graduate   5000   0   144.0   0.0   0   Rural   259.715939   N   313   1700/745   Female   No   0   Graduate   5000   0   144.0   0.0   Rural   259.715939   N   314   1700/760   Female   No   0   Graduate   5000   0   144.0   0.0   Rural   250.043077   Y   314   1700/760   Female   Yes   0   Graduate   5000   70   144.0   0.0   Rural   250.043077   Y   315   1700/760   Female   Yes   0   Graduate   7559   879   72.0   0.0   Rural   155.933396   Y   316   1700/760   Female   Yes   0   Graduate   4283   0   144.0   0.0   Rural   157.694511   Y   316   1700/760   Male   Yes   0   Graduate   4283   0   144.0   0.0   Rural   157.694511   Y   317   1700/776   Male   Yes   0   Graduate   2667   1542   144.0   0.0   Rural   150.005474   Y   320   1700/780   Male   Yes   0   Nel Graduate   2667   1542   144.0   0.0   Rural   160.005474   Y   321   1700/780   Female   Yes   0   Nel Graduate   2667   1542   144.0   0.0   Rural   160.005474   Y   321   1700/780   Male   Yes   0   Graduate   2660   618   144.0   0.0   Rural   212.250279   Y   321   1700/780   Male   Yes   0   Graduate   2600   618   144.0   0.0   Semiurban   812.484785   Y   321   1700/780   Male   Yes   0   Graduate   2600   618   144.0   0.0   Rural   212.250279   Y   321   1700/780   Male   Yes   0   Graduate   2600   618   144.0   0.0   Semiurban   179.72574   Y   321   1700/780   Male   Yes   0   Graduate   2600   618   144.0   0.0   Semiurban   179.72574   Y   321   1700/780   Male   Yes   0   Graduate   2600   618   144.0   0.0   Semiurban   179.72574   Y   321   1700/780   Male   Yes   0   Graduate   2600   618   144.0   0.0   Semiurban   179.72574   Y   321   1700/780   Male   Yes   0   Graduate   2600   618   144.0   0.0	306	LP002721	Male	Yes	2	Graduate	7500	0	144.0	1.0	Rural	302.404631	Υ
309         LP002745         Male         Yes         0         Graduate         2708         4700         144.0         1.0         Semiurban         307,395330         Y           310         LP002746         Male         No         0         Graduate         2366         5272         144.0         0.0         Bural         269,718939         N           311         LP002747         Female         No         3         Graduate         2366         5272         144.0         0.0         Bural         269,01,043077         Y           314         LP002759         Female         No         0         Graduate         3767         0         120.0         1.0         Urean         78,854563         Y           315         LP002759         Female         Yes         0         Graduate         3789         87.9         72.0         1.0         Urean         78,854563         Y           315         LP002759         Female         Yes         0         Graduate         3839         27.2         1.1         0         Urean         79,59313         N           316         LP002759         Male         Yes         0         O Traduate         3832	307	LP002735	Male	Yes	2	Not Graduate	3859	0	144.0	1.0	Rural	155.691315	Υ
310         UPODZY-16         Male         No         0         Graduate         2314         0         144.0         1.0         Urban         195.014599         Y           311         LPODZY-17         Female         No         3+         Graduate         2000         0         144.0         1.0         Rural         20.0143017         Y           312         LPODZY-18         Male         Yes         2         Graduate         2000         0         144.0         1.0         Rural         20.1043017         Y           313         LPODZY-18         Na         Yes         0         Graduate         7859         80         72.0         1.0         Semitroan         795.53338         Y           316         LPODZ-18         Male         Yes         0         Oraduate         2833         0         144.0         1.0         Burba         155.769531         N           317         LPODZ-18         Male         Yes         0         Graduate         2803         27.8         144.0         1.0         Urban         156.689393         Y           317         LPODZ-18         Male         Yes         3         Graduate         2600         144	308	LP002744	Male	Yes	1	Graduate	6825	0	144.0	1.0	Rural	273.889943	Υ
310         UPODZY-16         Male         No         0         Graduate         2314         0         144.0         1.0         Urban         195.014599         Y           311         LPODZY-17         Female         No         3+         Graduate         2000         0         144.0         1.0         Rural         20.0143017         Y           312         LPODZY-18         Male         Yes         2         Graduate         2000         0         144.0         1.0         Rural         20.1043017         Y           313         LPODZY-18         Na         Yes         0         Graduate         7859         80         72.0         1.0         Semitroan         795.53338         Y           316         LPODZ-18         Male         Yes         0         Oraduate         2833         0         144.0         1.0         Burba         155.769531         N           317         LPODZ-18         Male         Yes         0         Graduate         2803         27.8         144.0         1.0         Urban         156.689393         Y           317         LPODZ-18         Male         Yes         3         Graduate         2600         144	309	LP002745	Male	Yes	0		3708	4700	144.0	1.0		307.395330	Υ
311         LP002/47         Immate         No         34         Graduate         2366         52/2         144.0         0.0         Roral         269.71939         N           313         LP002/50         Male         Yes         2         Graduate         5000         0         144.0         1.0         Rural         2010/3017         Y           314         LP002/50         Female         No         0         Graduate         7859         87         72.0         1.0         Semiurban         7883463         Y           316         LP002/50         Female         Yes         0         Graduate         7859         87         72.0         1.0         Semiurban         195,933596         Y           316         LP002/50         Female         Yes         0         Graduate         1700         290         144.0         1.0         Urban         157,759531         N           317         LP002/75         Male         Yes         0         Not Graduate         2667         1542         144.0         1.0         Urban         105,778521         Y           32         LP002/75         Male         Yes         3         Graduate         2600													
313         LPO02759         Male         Yes         2         Graduate         5000         0         144.0         1.0         Rural         2010-103017         Y           314         LPO02760         Female         No         0         Graduate         78.99         70.0         1.0         Urban         78.884363         Y           315         LPO02769         Female         Yes         0         Graduate         78.99         87.9         72.0         1.0         Bemild         195.93399         Y           316         LPO02769         Female         Yes         0         Oraduate         2823         0         144.0         1.0         Burnel         161.631016         Y           317         LPO02781         Male         Yes         0         Oraduate         2667         1542         144.0         1.0         Urban         2016,89393         Y           320         LPO02780         Male         Yes         0         Not Graduate         2667         1542         144.0         1.0         Urban         80.0557460         Y           321         LPO02790         Male         Yes         0         Oraduate         3600         144.0													N
314         LPO07760         Female         No         0         Graduate         3767         0         120.0         1.0         Urban         78.854363         Y           315         LPO07766         Female         Yes         0         Graduate         7899         879         72.0         1.0         Semiurban         195.93596         Y           316         LPO07762         Pemale         Yes         0         Net Graduate         2700         2900         144.0         0.0         Urban         157.769531         N           317         LPO07782         Male         Yes         0         Net Graduate         2700         154.0         1.0         Urban         157.769531         N           319         LPO02781         Male         Ne         1         Graduate         2667         154.2         144.0         1.0         Urban         157.685931         Y           320         LPO02793         Male         Yes         3+         Graduate         2600         0         120.0         1.0         Urban         260.54740         Y           321         LPO02793         Male         Yes         3+         Graduate         2500         6184 <th></th>													
15   1002768   Female   Yes   0   Graduate   7859   879   72.0   1.0   Semiurhan   105.933396   Y   136   1002769   Female   Yes   0   Graduate   770   2900   144.0   0.0   Urban   157.769531   N   137   1002774   Male   Yes   0   Not Graduate   770   2900   144.0   0.0   Urban   157.769531   N   137   1002774   Male   Yes   0   Not Graduate   7667   1547   144.0   1.0   Urban   201.685993   Y   12002786   Female   Yes   1   Graduate   7667   1547   144.0   1.0   Urban   106.075474   Y   12002786   Female   Yes   1   Graduate   7667   1547   144.0   1.0   Urban   106.775521   Y   12002786   Female   Yes   3   Graduate   7667   1547   144.0   1.0   Urban   106.775521   Y   12002786   Female   Yes   3   Graduate   7600   7													V
316         LPO02759         Female         Yes         0         Graduate         4283         0         144,0         1,0         Rural         161,631016         Y           317         LPO02774         Male         Yes         0         Not Graduate         1700         2900         144,0         0,0         Urban         157,769531         N           319         LPO02781         Male         No         0         Graduate         3083         2738         144,0         1,0         Urban         160,005474         Y           320         LPO02782         Male         Yes         1         Graduate         2667         1542         144,0         1,0         Urban         106,778521         Y           322         LPO02790         Male         Yes         3+         Graduate         1600         500         144,0         1,0         Urban         106,778521         Y           322         LPO02793         Male         Yes         3+         Graduate         2600         500         144,0         1,0         Urban         191,225744         Y           324         LPO02793         Male         Yes         3+         Graduate         2600													ı
317         LP002774         Male         Yes         0         Not Graduate         1700         2900         144.0         0.0         Urban         157.769531         N           319         LP002781         Male         No         0         Graduate         3083         2738         144.0         1.0         Urban         201.688993         Y           320         LP002782         Male         Yes         1         Graduate         2667         1542         144.0         1.0         Urban         160.005474         Y           321         LP002786         Female         Yes         3         Mol Graduate         1607         1762         144.0         1.0         Urban         106.778521         Y           322         LP002793         Male         Yes         3         Graduate         1600         5000         144.0         1.0         Graduate         106.778521         Y           324         LP002803         Male         Yes         3         Graduate         2600         618         144.0         1.0         Brade         119.725744         Y           327         LP002803         Male         Yes         2         Graduate         5041<													Ť
319         PO02781         Male         No         0         Graduate         3083         2738         144.0         1.0         Urban         201.685993         Y           320         PO02782         Male         Yes         1         Graduate         2667         1542         144.0         1.0         Rural         160.005474         Y           321         PO02786         Female         Yes         0         Not Graduate         1647         1762         144.0         1.0         Urban         106.778521         Y           323         LP002793         Male         Yes         3         Graduate         16000         5000         144.0         1.0         Urban         80.537460         Y           324         P002793         Male         Yes         0         Graduate         5333         0         144.0         1.0         Brural         112.7250279         Y           326         P002803         Male         Yes         1         Not Graduate         5041         700         144.0         1.0         Brural         119.725744         Y           327         LP002805         Male         Yes         3         Graduate         5059													,
320         PODOZRS2         Male         Yes         1         Graduate         2667         1542         144.0         1.0         Rural         160.005474         Y           321         PODOZRS6         Female         Yes         0         Not Graduate         1647         1762         144.0         1.0         Urban         106.778521         Y           322         PODOZRS9         Male         Yes         3+         Graduate         3400         0         120.0         1.0         Urban         80.537460         Y           324         PODOZR99         Male         No         1         Graduate         6000         5000         144.0         1.0         Geniurban         812.484785         Y           324         PODOZR93         Male         Yes         0         Graduate         2600         618         144.0         1.0         Geniurban         119.725744         Y           326         PODOZR93         Male         Yes         2         Graduate         6958         1411         144.0         1.0         Graduat         216.145920         Y           333         PODOZR95         Male         Yes         3         Graduate         5509<	317	LP002774	Male	Yes	0	Not Graduate			144.0			157.769531	
321         PO02786         Female         Yes         0         Not Graduate         1647         1762         114.0         1.0         Urban         106.778521         Y           322         PO02799         Male         Yes         34         Graduate         3400         0         120.0         1.0         Urban         80.537460         Y           323         IPO02791         Male         No         1         Graduate         5333         0         144.0         1.0         Semiurban         812.484785         Y           324         IPO02793         Male         Yes         0         Graduate         5333         0         144.0         1.0         Semiurban         119.725744         Y           326         IPO02803         Male         Yes         2         Graduate         5041         700         144.0         1.0         Urban         216.145920         Y           327         IPO02805         Male         Yes         3+         Graduate         5509         0         144.0         1.0         Rural         216.145920         Y           331         LPO02805         Male         Yes         3+         Graduate         5509	319	LP002781	Male	No	0	Graduate	3083	2738	144.0	1.0	Urban	201.685993	Υ
322         LP002799         Male         Yes         3+         Graduate         3400         0         120.0         1.0         Urban         80.537460         Yes           323         LP002791         Male         No         1         Graduate         16000         5000         144.0         1.0         Semiurban         812.484785         Yes           324         LP002793         Male         Yes         0         Graduate         5333         0         144.0         1.0         Semiurban         119.725744         Ye           326         LP002803         Male         Yes         1         Not Graduate         5041         700         144.0         1.0         Gemiurban         119.725744         Ye           328         LP002803         Male         Yes         3         Graduate         6958         1411         144.0         1.0         Urban         216.145920         Ye           320         LP002803         Male         Yes         3         Graduate         6958         1411         144.0         1.0         Rural         219.386136         Ye           331         LP002803         Male         Yes         3         Graduate <th< td=""><th>320</th><td>LP002782</td><td>Male</td><td>Yes</td><td>1</td><td>Graduate</td><td>2667</td><td>1542</td><td>144.0</td><td>1.0</td><td>Rural</td><td>160.005474</td><td>Y</td></th<>	320	LP002782	Male	Yes	1	Graduate	2667	1542	144.0	1.0	Rural	160.005474	Y
323         LP002791         Male         No         1         Graduate         16000         5000         144.0         1.0         Semiurban         812.484785         Y           324         LP002793         Male         Yes         0         Graduate         5333         0         144.0         1.0         Rural         212.250279         Y           326         LP002803         Male         Yes         1         Not Graduate         2600         618         144.0         1.0         Semiurban         119.725744         Y           328         LP002805         Male         Yes         2         Graduate         6958         1411         144.0         1.0         Urban         216.145920         Y           320         LP002805         Male         Yes         3+         Graduate         6959         0         144.0         1.0         Rural         219.386136         Y           331         LP002825         Male         Yes         3+         Graduate         3621         2717         144.0         1.0         Urban         381.318469         Y           333         LP002825         Female         Yes         0         Graduate         4709 <th>321</th> <td>LP002786</td> <td>Female</td> <td>Yes</td> <td>0</td> <td>Not Graduate</td> <td>1647</td> <td>1762</td> <td>144.0</td> <td>1.0</td> <td>Urban</td> <td>106.778521</td> <td>Υ</td>	321	LP002786	Female	Yes	0	Not Graduate	1647	1762	144.0	1.0	Urban	106.778521	Υ
324         LP002793         Male         Yes         0         Graduate         5333         0         144.0         1.0         Rural         212.250279         Y           326         LP002803         Male         Yes         1         Not Graduate         2600         618         144.0         1.0         Semiurban         119.725744         Y           327         LP002805         Male         Yes         2         Graduate         6958         1411         144.0         1.0         Rural         331.629623         Y           330         LP002825         Male         Yes         3+         Graduate         6958         1411         144.0         1.0         Rural         219.386136         Y           331         LP002825         Male         Yes         3+         Graduate         5509         0         144.0         1.0         Urban         381.318469         Y           332         LP002826         Female         Yes         1         Not Graduate         3621         2717         144.0         1.0         Urban         381.318469         Y           333         LP002849         Male         Yes         0         Graduate         4709 <th>322</th> <td>LP002790</td> <td>Male</td> <td>Yes</td> <td>3+</td> <td>Graduate</td> <td>3400</td> <td>0</td> <td>120.0</td> <td>1.0</td> <td>Urban</td> <td>80.537460</td> <td>Υ</td>	322	LP002790	Male	Yes	3+	Graduate	3400	0	120.0	1.0	Urban	80.537460	Υ
326         LP002803         Male         Yes         1         Not Graduate         2600         618         144.0         1.0         Semiurban         119.725744         Y           327         LP002805         Male         Yes         2         Graduate         5041         700         144.0         1.0         Urban         216.145920         Y           328         LP002805         Male         Yes         3+         Graduate         6958         1411         144.0         1.0         Rural         331.629623         Y           330         LP002825         Male         Yes         3+         Graduate         9699         0         144.0         1.0         Rural         219.386136         Y           331         LP002825         Male         Yes         3+         Graduate         9699         0         144.0         1.0         Urban         381.318469         Y           332         LP002826         Female         Yes         0         Graduate         4709         0         144.0         1.0         Drban         173.207590         Y           333         LP002849         Male         Yes         0         Graduate         2400	323	LP002791	Male	No	1	Graduate	16000	5000	144.0	1.0	Semiurban	812.484785	Υ
327         LP002805         Male         Yes         2         Graduate         5041         700         144.0         1.0         Urban         216.145920         Y           328         LP002806         Male         Yes         3+         Graduate         6958         1411         144.0         1.0         Rural         331.629623         Y           330         LP002823         Male         Yes         0         Graduate         5509         0         144.0         1.0         Rural         219.386136         Y           331         LP002825         Male         Yes         3+         Graduate         9699         0         144.0         1.0         Urban         381.318469         Y           332         LP002826         Female         Yes         1         Not Graduate         3621         2717         144.0         1.0         Urban         221.837917         Y           333         LP002849         Male         Yes         0         Graduate         4709         0         144.0         1.0         Semiurban         173.207590         Y           333         LP002850         Male         No         2         Graduate         2400	324	LP002793	Male	Yes	0	Graduate	5333	0	144.0	1.0	Rural	212.250279	Υ
328         LP002806         Male         Yes         3+         Graduate         6958         1411         144.0         1.0         Rural         331.629623         Y           330         LP002823         Male         Yes         0         Graduate         5509         0         144.0         1.0         Rural         219.386136         Y           331         LP002825         Male         Yes         3+         Graduate         9699         0         144.0         1.0         Urban         381.318469         Y           332         LP002826         Female         Yes         1         Not Graduate         3621         2717         144.0         1.0         Urban         221.837917         Y           333         LP002843         Female         Yes         0         Graduate         4709         0         144.0         1.0         Semiurban         173.207590         Y           334         LP002849         Male         Yes         0         Graduate         2400         0         144.0         1.0         Urban         79.161606         Y           337         LP002856         Male         Yes         0         Graduate         2329	326	LP002803	Male	Yes	1	Not Graduate	2600	618	144.0	1.0	Semiurban	119.725744	Υ
330 LP002823 Male Yes 0 Graduate 5509 0 144.0 1.0 Rural 219.386136 Y  331 LP002825 Male Yes 3+ Graduate 9699 0 144.0 1.0 Urban 381.318469 Y  332 LP002826 Female Yes 1 Not Graduate 3621 2717 144.0 1.0 Urban 221.837917 Y  333 LP002843 Female Yes 0 Graduate 4709 0 144.0 1.0 Semiurban 173.207590 Y  334 LP002849 Male Yes 0 Graduate 1516 1951 144.0 1.0 Semiurban 121.004758 Y  335 LP002850 Male No 2 Graduate 2400 0 144.0 1.0 Urban 79.161606 Y  336 LP002856 Male Yes 0 Graduate 2292 1558 144.0 1.0 Urban 132.830864 Y  337 LP002857 Male Yes 1 Graduate 2360 3355 96.0 1.0 Rural 121.091191 Y  338 LP002858 Female No 0 Graduate 4333 2333 144.0 0.0 Rural 241.769424 N  340 LP002860 Male Yes 0 Graduate 2623 4831 72.0 1.0 Semiurban 131.880567 Y  341 LP002867 Male No 0 Graduate 3972 4275 144.0 1.0 Rural 303.643875 Y  342 LP002869 Male Yes 3+ Not Graduate 3522 0 72.0 1.0 Rural 7.003969 Y	327	LP002805	Male	Yes	2	Graduate	5041	700	144.0	1.0	Urban	216.145920	Υ
331         LP002825         Male         Yes         3+         Graduate         9699         0         144.0         1.0         Urban         381.318469         Y           332         LP002826         Female         Yes         1         Not Graduate         3621         2717         144.0         1.0         Urban         221.837917         Y           333         LP002849         Female         Yes         0         Graduate         4709         0         144.0         1.0         Semiurban         173.207590         Y           334         LP002849         Male         Yes         0         Graduate         1516         1951         144.0         1.0         Semiurban         121.004758         Y           335         LP002850         Male         No         2         Graduate         2400         0         144.0         1.0         Urban         79.161606         Y           335         LP002855         Male         Yes         1         Graduate         2320         1558         144.0         1.0         Urban         132.830864         Y           336         LP002857         Male         Yes         1         Graduate         2333	328	LP002806	Male	Yes	3+	Graduate	6958	1411	144.0	1.0	Rural	331.629623	Υ
332         LP002826         Female         Yes         1         Not Graduate         3621         2717         144.0         1.0         Urban         221.837917         Y           333         LP002843         Female         Yes         0         Graduate         4709         0         144.0         1.0         Semiurban         173.207590         Y           334         LP002849         Male         Yes         0         Graduate         1516         1951         144.0         1.0         Semiurban         121.004758         Y           335         LP002850         Male         No         2         Graduate         2400         0         144.0         1.0         Urban         79.161606         Y           337         LP002856         Male         Yes         0         Graduate         2292         1558         144.0         1.0         Urban         132.830864         Y           338         LP002857         Male         Yes         1         Graduate         2360         3355         96.0         1.0         Rural         121.091191         Y           340         LP002869         Male         Yes         0         Graduate         2623	330	LP002823	Male	Yes	0	Graduate	5509	0	144.0	1.0	Rural	219.386136	Υ
333         LP002843         Female         Yes         0         Graduate         4709         0         144.0         1.0         Semiurban         173.207590         Y           334         LP002849         Male         Yes         0         Graduate         1516         1951         144.0         1.0         Semiurban         121.004758         Y           335         LP002850         Male         No         2         Graduate         2400         0         144.0         1.0         Urban         79.161606         Y           337         LP002856         Male         Yes         0         Graduate         2292         1558         144.0         1.0         Urban         132.830864         Y           338         LP002857         Male         Yes         1         Graduate         2360         3355         96.0         1.0         Rural         121.091191         Y           340         LP002858         Female         No         0         Graduate         2623         4831         72.0         1.0         Semiurban         131.880567         Y           341         LP002867         Male         No         0         Graduate         3972	331	LP002825	Male	Yes	3+	Graduate	9699	0	144.0	1.0	Urban	381.318469	Υ
333         LP002843         Female         Yes         0         Graduate         4709         0         144.0         1.0         Semiurban         173.207590         Y           334         LP002849         Male         Yes         0         Graduate         1516         1951         144.0         1.0         Semiurban         121.004758         Y           335         LP002850         Male         No         2         Graduate         2400         0         144.0         1.0         Urban         79.161606         Y           337         LP002856         Male         Yes         0         Graduate         2292         1558         144.0         1.0         Urban         132.830864         Y           338         LP002857         Male         Yes         1         Graduate         2360         3355         96.0         1.0         Rural         121.091191         Y           340         LP002858         Female         No         0         Graduate         2623         4831         72.0         1.0         Semiurban         131.880567         Y           341         LP002867         Male         No         0         Graduate         3972	332	LP002826	Female	Yes	1	Not Graduate	3621	2717	144.0	1.0	Urban	221.837917	Υ
334         LP002849         Male         Yes         0         Graduate         1516         1951         144.0         1.0         Semiurban         121.004758         Y           335         LP002850         Male         No         2         Graduate         2400         0         144.0         1.0         Urban         79.161606         Y           337         LP002856         Male         Yes         0         Graduate         2292         1558         144.0         1.0         Urban         132.830864         Y           338         LP002857         Male         Yes         1         Graduate         2360         3355         96.0         1.0         Rural         121.091191         Y           339         LP002858         Female         No         0         Graduate         4333         2333         144.0         0.0         Rural         241.769424         N           340         LP002860         Male         Yes         0         Graduate         2623         4831         72.0         1.0         Semiurban         131.880567         Y           341         LP002869         Male         Yes         3+         Not Graduate         3522	333												Υ
335         LP002850         Male         No         2         Graduate         2400         0         144.0         1.0         Urban         79.161606         Y           337         LP002856         Male         Yes         0         Graduate         2292         1558         144.0         1.0         Urban         132.830864         Y           338         LP002857         Male         Yes         1         Graduate         2360         3355         96.0         1.0         Rural         121.091191         Y           339         LP002858         Female         No         0         Graduate         4333         2333         144.0         0.0         Rural         241.769424         N           340         LP002860         Male         Yes         0         Graduate         2623         4831         72.0         1.0         Semiurban         131.880567         Y           341         LP002869         Male         No         0         Graduate         3972         4275         144.0         1.0         Rural         303.643875         Y           342         LP002869         Male         Yes         3+         Not Graduate         3522													Y
337         LP002856         Male         Yes         0         Graduate         2292         1558         144.0         1.0         Urban         132.830864         Y           338         LP002857         Male         Yes         1         Graduate         2360         3355         96.0         1.0         Rural         121.091191         Y           339         LP002858         Female         No         0         Graduate         4333         2333         144.0         0.0         Rural         241.769424         N           340         LP002860         Male         Yes         0         Graduate         2623         4831         72.0         1.0         Semiurban         131.880567         Y           341         LP002867         Male         No         0         Graduate         3972         4275         144.0         1.0         Rural         303.643875         Y           342         LP002869         Male         Yes         3+         Not Graduate         3522         0         72.0         1.0         Rural         7.003969         Y													Y
338         LP002857         Male         Yes         1         Graduate         2360         3355         96.0         1.0         Rural         121.091191         Y           339         LP002858         Female         No         0         Graduate         4333         2333         144.0         0.0         Rural         241.769424         N           340         LP002860         Male         Yes         0         Graduate         2623         4831         72.0         1.0         Semiurban         131.880567         Y           341         LP002867         Male         No         0         Graduate         3972         4275         144.0         1.0         Rural         303.643875         Y           342         LP002869         Male         Yes         3+         Not Graduate         3522         0         72.0         1.0         Rural         7.003969         Y													
339 LP002858 Female No 0 Graduate 4333 2333 144.0 0.0 Rural 241.769424 N  340 LP002860 Male Yes 0 Graduate 2623 4831 72.0 1.0 Semiurban 131.880567 Y  341 LP002867 Male No 0 Graduate 3972 4275 144.0 1.0 Rural 303.643875 Y  342 LP002869 Male Yes 3+ Not Graduate 3522 0 72.0 1.0 Rural 7.003969 Y					U								'
340       LP002860       Male       Yes       0       Graduate       2623       4831       72.0       1.0       Semiurban       131.880567       Y         341       LP002867       Male       No       0       Graduate       3972       4275       144.0       1.0       Rural       303.643875       Y         342       LP002869       Male       Yes       3+       Not Graduate       3522       0       72.0       1.0       Rural       7.003969       Y					1								
341         LP002867         Male         No         0         Graduate         3972         4275         144.0         1.0         Rural         303.643875         Y           342         LP002869         Male         Yes         3+         Not Graduate         3522         0         72.0         1.0         Rural         7.003969         Y													
<b>342</b> LP002869 Male Yes 3+ Not Graduate 3522 0 72.0 1.0 Rural 7.003969 Y	340				0								Υ
	341	LP002867	Male	No	0	Graduate	3972	4275	144.0	1.0	Rural	303.643875	Υ
<b>343</b> LP002870 Male Yes 1 Graduate 4700 0 144.0 1.0 Urban 176.341679 Y	342	LP002869	Male	Yes	3+	Not Graduate	3522	0	72.0	1.0	Rural	7.003969	Υ
	343	LP002870	Male	Yes	1	Graduate	4700	0	144.0	1.0	Urban	176.341679	Υ

	Loan_ID	Gender	Married	Dependents	Education	Income	Coapplicant_Income	Loan_Tenor	Credit_History	Property_Area	Max_Loan_Amount	Loan_Status
344	LP002876	Male	No	0	Graduate	6858	0	144.0	1.0	Rural	269.006423	Υ
345	LP002878	Male	Yes	3+	Graduate	8334	0	144.0	1.0	Urban	325.975027	Υ
346	LP002879	Male	Yes	0	Graduate	3391	1966	144.0	0.0	Rural	203.679411	N
347	LP002885	Male	No	0	Not Graduate	2868	0	144.0	1.0	Urban	96.752135	Υ
348	LP002890	Male	Yes	2	Not Graduate	3418	1380	144.0	1.0	Urban	175.373694	Υ
349	LP002891	Male	Yes	0	Graduate	2500	296	120.0	1.0	Rural	62.497175	Υ
350	LP002899	Male	Yes	2	Graduate	8667	0	144.0	1.0	Rural	349.720233	Υ
352	LP002907	Male	Yes	0	Graduate	5817	910	144.0	1.0	Urban	252.763900	Υ
353	LP002920	Male	Yes	0	Graduate	5119	3769	144.0	1.0	Rural	337.273423	Υ
354	LP002921	Male	Yes	3+	Not Graduate	5316	187	72.0	0.0	Semiurban	81.105059	N
355	LP002932	Male	Yes	3+	Graduate	7603	1213	144.0	1.0	Urban	339.366271	Υ
356	LP002935	Male	Yes	1	Graduate	3791	1936	144.0	1.0	Urban	208.163332	Υ
357	LP002952	Male	No	0	Graduate	2500	0	144.0	1.0	Urban	80.921965	Υ
359	LP002962	Male	No	0	Graduate	4000	2667	144.0	1.0	Semiurban	242.042259	Υ
361	LP002969	Male	Yes	1	Graduate	2269	2167	144.0	1.0	Semiurban	160.344209	Υ
362	LP002971	Male	Yes	3+	Not Graduate	4009	1777	144.0	1.0	Urban	214.565619	Υ
363	LP002975	Male	Yes	0	Graduate	4158	709	144.0	1.0	Urban	178.370155	Υ
365	LP002986	Male	Yes	0	Graduate	5000	2393	144.0	1.0	Rural	283.637046	Υ
366	LP002989	Male	No	0	Graduate	9200	0	72.0	1.0	Rural	227.791130	Υ