

The CONTENTS Procedure

Data Set Name	LAB16.LOAN	Observations	614
Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	29/07/2024 11:44:57	Observation Length	88
Last Modified	29/07/2024 11:44:57	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	1486
Obs in First Data Page	614
Number of Data Set Repairs	0
Filename	/home/u63829587/loan.sas7bdat
Release Created	9.0401M7
Host Created	Linux
Inode Number	157441765
Access Permission	rw-r--r--
Owner Name	u63829587
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
7	ApplicantIncome	Num	8	BEST12.	BEST32.
8	CoapplicantIncome	Num	8	BEST12.	BEST32.
11	Credit_History	Num	8	BEST12.	BEST32.
4	Dependents	Char	2	\$2.	\$2.
5	Education	Char	12	\$12.	\$12.
2	Gender	Char	6	\$6.	\$6.

Alphabetic List of Variables and Attributes						
#	Variable	Type	Len	Format	Informat	
9	LoanAmount	Num	8	BEST12.	BEST32.	
10	Loan_Amount_Term	Num	8	BEST12.	BEST32.	
1	Loan_ID	Char	8	\$8.	\$8.	
13	Loan_Status	Char	1	\$1.	\$1.	
3	Married	Char	3	\$3.	\$3.	
12	Property_Area	Char	9	\$9.	\$9.	
6	Self_Employed	Char	3	\$3.	\$3.	

Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
1	LP001002	Male	No	0	Graduate	No	5849	0	.	360	1	Urban	Y
2	LP001003	Male	Yes	1	Graduate	No	4583	1508	128	360	1	Rural	N
3	LP001005	Male	Yes	0	Graduate	Yes	3000	0	66	360	1	Urban	Y
4	LP001006	Male	Yes	0	Not Graduate	No	2583	2358	120	360	1	Urban	Y
5	LP001008	Male	No	0	Graduate	No	6000	0	141	360	1	Urban	Y
6	LP001011	Male	Yes	2	Graduate	Yes	5417	4196	267	360	1	Urban	Y
7	LP001013	Male	Yes	0	Not Graduate	No	2333	1516	95	360	1	Urban	Y
8	LP001014	Male	Yes	3+	Graduate	No	3036	2504	158	360	0	Semiurban	N
9	LP001018	Male	Yes	2	Graduate	No	4006	1526	168	360	1	Urban	Y
10	LP001020	Male	Yes	1	Graduate	No	12841	10968	349	360	1	Semiurban	N
11	LP001024	Male	Yes	2	Graduate	No	3200	700	70	360	1	Urban	Y
12	LP001027	Male	Yes	2	Graduate		2500	1840	109	360	1	Urban	Y
13	LP001028	Male	Yes	2	Graduate	No	3073	8106	200	360	1	Urban	Y
14	LP001029	Male	No	0	Graduate	No	1853	2840	114	360	1	Rural	N
15	LP001030	Male	Yes	2	Graduate	No	1299	1086	17	120	1	Urban	Y
16	LP001032	Male	No	0	Graduate	No	4950	0	125	360	1	Urban	Y
17	LP001034	Male	No	1	Not Graduate	No	3596	0	100	240	.	Urban	Y
18	LP001036	Female	No	0	Graduate	No	3510	0	76	360	0	Urban	N
19	LP001038	Male	Yes	0	Not Graduate	No	4887	0	133	360	1	Rural	N
20	LP001041	Male	Yes	0	Graduate		2600	3500	115	.	1	Urban	Y
21	LP001043	Male	Yes	0	Not Graduate	No	7660	0	104	360	0	Urban	N

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
22	LP001046	Male	Yes	1	Graduate	No	5955	5625	315	360	1	Urban	Y
23	LP001047	Male	Yes	0	Not Graduate	No	2600	1911	116	360	0	Semiurban	N
24	LP001050		Yes	2	Not Graduate	No	3365	1917	112	360	0	Rural	N
25	LP001052	Male	Yes	1	Graduate		3717	2925	151	360	.	Semiurban	N
26	LP001066	Male	Yes	0	Graduate	Yes	9560	0	191	360	1	Semiurban	Y
27	LP001068	Male	Yes	0	Graduate	No	2799	2253	122	360	1	Semiurban	Y
28	LP001073	Male	Yes	2	Not Graduate	No	4226	1040	110	360	1	Urban	Y
29	LP001086	Male	No	0	Not Graduate	No	1442	0	35	360	1	Urban	N
30	LP001087	Female	No	2	Graduate		3750	2083	120	360	1	Semiurban	Y
31	LP001091	Male	Yes	1	Graduate		4166	3369	201	360	.	Urban	N
32	LP001095	Male	No	0	Graduate	No	3167	0	74	360	1	Urban	N
33	LP001097	Male	No	1	Graduate	Yes	4692	0	106	360	1	Rural	N
34	LP001098	Male	Yes	0	Graduate	No	3500	1667	114	360	1	Semiurban	Y
35	LP001100	Male	No	3+	Graduate	No	12500	3000	320	360	1	Rural	N
36	LP001106	Male	Yes	0	Graduate	No	2275	2067	.	360	1	Urban	Y
37	LP001109	Male	Yes	0	Graduate	No	1828	1330	100	.	0	Urban	N
38	LP001112	Female	Yes	0	Graduate	No	3667	1459	144	360	1	Semiurban	Y
39	LP001114	Male	No	0	Graduate	No	4166	7210	184	360	1	Urban	Y
40	LP001116	Male	No	0	Not Graduate	No	3748	1668	110	360	1	Semiurban	Y
41	LP001119	Male	No	0	Graduate	No	3600	0	80	360	1	Urban	N
42	LP001120	Male	No	0	Graduate	No	1800	1213	47	360	1	Urban	Y
43	LP001123	Male	Yes	0	Graduate	No	2400	0	75	360	.	Urban	Y
44	LP001131	Male	Yes	0	Graduate	No	3941	2336	134	360	1	Semiurban	Y
45	LP001136	Male	Yes	0	Not Graduate	Yes	4695	0	96	.	1	Urban	Y
46	LP001137	Female	No	0	Graduate	No	3410	0	88	.	1	Urban	Y
47	LP001138	Male	Yes	1	Graduate	No	5649	0	44	360	1	Urban	Y
48	LP001144	Male	Yes	0	Graduate	No	5821	0	144	360	1	Urban	Y
49	LP001146	Female	Yes	0	Graduate	No	2645	3440	120	360	0	Urban	N
50	LP001151	Female	No	0	Graduate	No	4000	2275	144	360	1	Semiurban	Y
51	LP001155	Female	Yes	0	Not Graduate	No	1928	1644	100	360	1	Semiurban	Y
52	LP001157	Female	No	0	Graduate	No	3086	0	120	360	1	Semiurban	Y

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
53	LP001164	Female	No	0	Graduate	No	4230	0	112	360	1	Semiurban	N
54	LP001179	Male	Yes	2	Graduate	No	4616	0	134	360	1	Urban	N
55	LP001186	Female	Yes	1	Graduate	Yes	11500	0	286	360	0	Urban	N
56	LP001194	Male	Yes	2	Graduate	No	2708	1167	97	360	1	Semiurban	Y
57	LP001195	Male	Yes	0	Graduate	No	2132	1591	96	360	1	Semiurban	Y
58	LP001197	Male	Yes	0	Graduate	No	3366	2200	135	360	1	Rural	N
59	LP001198	Male	Yes	1	Graduate	No	8080	2250	180	360	1	Urban	Y
60	LP001199	Male	Yes	2	Not Graduate	No	3357	2859	144	360	1	Urban	Y
61	LP001205	Male	Yes	0	Graduate	No	2500	3796	120	360	1	Urban	Y
62	LP001206	Male	Yes	3+	Graduate	No	3029	0	99	360	1	Urban	Y
63	LP001207	Male	Yes	0	Not Graduate	Yes	2609	3449	165	180	0	Rural	N
64	LP001213	Male	Yes	1	Graduate	No	4945	0	.	360	0	Rural	N
65	LP001222	Female	No	0	Graduate	No	4166	0	116	360	0	Semiurban	N
66	LP001225	Male	Yes	0	Graduate	No	5726	4595	258	360	1	Semiurban	N
67	LP001228	Male	No	0	Not Graduate	No	3200	2254	126	180	0	Urban	N
68	LP001233	Male	Yes	1	Graduate	No	10750	0	312	360	1	Urban	Y
69	LP001238	Male	Yes	3+	Not Graduate	Yes	7100	0	125	60	1	Urban	Y
70	LP001241	Female	No	0	Graduate	No	4300	0	136	360	0	Semiurban	N
71	LP001243	Male	Yes	0	Graduate	No	3208	3066	172	360	1	Urban	Y
72	LP001245	Male	Yes	2	Not Graduate	Yes	1875	1875	97	360	1	Semiurban	Y
73	LP001248	Male	No	0	Graduate	No	3500	0	81	300	1	Semiurban	Y
74	LP001250	Male	Yes	3+	Not Graduate	No	4755	0	95	.	0	Semiurban	N
75	LP001253	Male	Yes	3+	Graduate	Yes	5266	1774	187	360	1	Semiurban	Y
76	LP001255	Male	No	0	Graduate	No	3750	0	113	480	1	Urban	N
77	LP001256	Male	No	0	Graduate	No	3750	4750	176	360	1	Urban	N
78	LP001259	Male	Yes	1	Graduate	Yes	1000	3022	110	360	1	Urban	N
79	LP001263	Male	Yes	3+	Graduate	No	3167	4000	180	300	0	Semiurban	N
80	LP001264	Male	Yes	3+	Not Graduate	Yes	3333	2166	130	360	.	Semiurban	Y
81	LP001265	Female	No	0	Graduate	No	3846	0	111	360	1	Semiurban	Y
82	LP001266	Male	Yes	1	Graduate	Yes	2395	0	.	360	1	Semiurban	Y
83	LP001267	Female	Yes	2	Graduate	No	1378	1881	167	360	1	Urban	N

Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
84	LP001273	Male	Yes	0	Graduate	No	6000	2250	265	360	.	Semiurban	N
85	LP001275	Male	Yes	1	Graduate	No	3988	0	50	240	1	Urban	Y
86	LP001279	Male	No	0	Graduate	No	2366	2531	136	360	1	Semiurban	Y
87	LP001280	Male	Yes	2	Not Graduate	No	3333	2000	99	360	.	Semiurban	Y
88	LP001282	Male	Yes	0	Graduate	No	2500	2118	104	360	1	Semiurban	Y
89	LP001289	Male	No	0	Graduate	No	8566	0	210	360	1	Urban	Y
90	LP001310	Male	Yes	0	Graduate	No	5695	4167	175	360	1	Semiurban	Y
91	LP001316	Male	Yes	0	Graduate	No	2958	2900	131	360	1	Semiurban	Y
92	LP001318	Male	Yes	2	Graduate	No	6250	5654	188	180	1	Semiurban	Y
93	LP001319	Male	Yes	2	Not Graduate	No	3273	1820	81	360	1	Urban	Y
94	LP001322	Male	No	0	Graduate	No	4133	0	122	360	1	Semiurban	Y
95	LP001325	Male	No	0	Not Graduate	No	3620	0	25	120	1	Semiurban	Y
96	LP001326	Male	No	0	Graduate		6782	0	.	360	.	Urban	N
97	LP001327	Female	Yes	0	Graduate	No	2484	2302	137	360	1	Semiurban	Y
98	LP001333	Male	Yes	0	Graduate	No	1977	997	50	360	1	Semiurban	Y
99	LP001334	Male	Yes	0	Not Graduate	No	4188	0	115	180	1	Semiurban	Y
100	LP001343	Male	Yes	0	Graduate	No	1759	3541	131	360	1	Semiurban	Y
101	LP001345	Male	Yes	2	Not Graduate	No	4288	3263	133	180	1	Urban	Y
102	LP001349	Male	No	0	Graduate	No	4843	3806	151	360	1	Semiurban	Y
103	LP001350	Male	Yes		Graduate	No	13650	0	.	360	1	Urban	Y
104	LP001356	Male	Yes	0	Graduate	No	4652	3583	.	360	1	Semiurban	Y
105	LP001357	Male			Graduate	No	3816	754	160	360	1	Urban	Y
106	LP001367	Male	Yes	1	Graduate	No	3052	1030	100	360	1	Urban	Y
107	LP001369	Male	Yes	2	Graduate	No	11417	1126	225	360	1	Urban	Y
108	LP001370	Male	No	0	Not Graduate		7333	0	120	360	1	Rural	N
109	LP001379	Male	Yes	2	Graduate	No	3800	3600	216	360	0	Urban	N
110	LP001384	Male	Yes	3+	Not Graduate	No	2071	754	94	480	1	Semiurban	Y
111	LP001385	Male	No	0	Graduate	No	5316	0	136	360	1	Urban	Y
112	LP001387	Female	Yes	0	Graduate		2929	2333	139	360	1	Semiurban	Y
113	LP001391	Male	Yes	0	Not Graduate	No	3572	4114	152	.	0	Rural	N
114	LP001392	Female	No	1	Graduate	Yes	7451	0	.	360	1	Semiurban	Y

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
115	LP001398	Male	No	0	Graduate		5050	0	118	360	1	Semiurban	Y
116	LP001401	Male	Yes	1	Graduate	No	14583	0	185	180	1	Rural	Y
117	LP001404	Female	Yes	0	Graduate	No	3167	2283	154	360	1	Semiurban	Y
118	LP001405	Male	Yes	1	Graduate	No	2214	1398	85	360	.	Urban	Y
119	LP001421	Male	Yes	0	Graduate	No	5568	2142	175	360	1	Rural	N
120	LP001422	Female	No	0	Graduate	No	10408	0	259	360	1	Urban	Y
121	LP001426	Male	Yes		Graduate	No	5667	2667	180	360	1	Rural	Y
122	LP001430	Female	No	0	Graduate	No	4166	0	44	360	1	Semiurban	Y
123	LP001431	Female	No	0	Graduate	No	2137	8980	137	360	0	Semiurban	Y
124	LP001432	Male	Yes	2	Graduate	No	2957	0	81	360	1	Semiurban	Y
125	LP001439	Male	Yes	0	Not Graduate	No	4300	2014	194	360	1	Rural	Y
126	LP001443	Female	No	0	Graduate	No	3692	0	93	360	.	Rural	Y
127	LP001448		Yes	3+	Graduate	No	23803	0	370	360	1	Rural	Y
128	LP001449	Male	No	0	Graduate	No	3865	1640	.	360	1	Rural	Y
129	LP001451	Male	Yes	1	Graduate	Yes	10513	3850	160	180	0	Urban	N
130	LP001465	Male	Yes	0	Graduate	No	6080	2569	182	360	.	Rural	N
131	LP001469	Male	No	0	Graduate	Yes	20166	0	650	480	.	Urban	Y
132	LP001473	Male	No	0	Graduate	No	2014	1929	74	360	1	Urban	Y
133	LP001478	Male	No	0	Graduate	No	2718	0	70	360	1	Semiurban	Y
134	LP001482	Male	Yes	0	Graduate	Yes	3459	0	25	120	1	Semiurban	Y
135	LP001487	Male	No	0	Graduate	No	4895	0	102	360	1	Semiurban	Y
136	LP001488	Male	Yes	3+	Graduate	No	4000	7750	290	360	1	Semiurban	N
137	LP001489	Female	Yes	0	Graduate	No	4583	0	84	360	1	Rural	N
138	LP001491	Male	Yes	2	Graduate	Yes	3316	3500	88	360	1	Urban	Y
139	LP001492	Male	No	0	Graduate	No	14999	0	242	360	0	Semiurban	N
140	LP001493	Male	Yes	2	Not Graduate	No	4200	1430	129	360	1	Rural	N
141	LP001497	Male	Yes	2	Graduate	No	5042	2083	185	360	1	Rural	N
142	LP001498	Male	No	0	Graduate	No	5417	0	168	360	1	Urban	Y
143	LP001504	Male	No	0	Graduate	Yes	6950	0	175	180	1	Semiurban	Y
144	LP001507	Male	Yes	0	Graduate	No	2698	2034	122	360	1	Semiurban	Y
145	LP001508	Male	Yes	2	Graduate	No	11757	0	187	180	1	Urban	Y
146	LP001514	Female	Yes	0	Graduate	No	2330	4486	100	360	1	Semiurban	Y
147	LP001516	Female	Yes	2	Graduate	No	14866	0	70	360	1	Urban	Y
148	LP001518	Male	Yes	1	Graduate	No	1538	1425	30	360	1	Urban	Y

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
149	LP001519	Female	No	0	Graduate	No	10000	1666	225	360	1	Rural	N
150	LP001520	Male	Yes	0	Graduate	No	4860	830	125	360	1	Semiurban	Y
151	LP001528	Male	No	0	Graduate	No	6277	0	118	360	0	Rural	N
152	LP001529	Male	Yes	0	Graduate	Yes	2577	3750	152	360	1	Rural	Y
153	LP001531	Male	No	0	Graduate	No	9166	0	244	360	1	Urban	N
154	LP001532	Male	Yes	2	Not Graduate	No	2281	0	113	360	1	Rural	N
155	LP001535	Male	No	0	Graduate	No	3254	0	50	360	1	Urban	Y
156	LP001536	Male	Yes	3+	Graduate	No	39999	0	600	180	0	Semiurban	Y
157	LP001541	Male	Yes	1	Graduate	No	6000	0	160	360	.	Rural	Y
158	LP001543	Male	Yes	1	Graduate	No	9538	0	187	360	1	Urban	Y
159	LP001546	Male	No	0	Graduate		2980	2083	120	360	1	Rural	Y
160	LP001552	Male	Yes	0	Graduate	No	4583	5625	255	360	1	Semiurban	Y
161	LP001560	Male	Yes	0	Not Graduate	No	1863	1041	98	360	1	Semiurban	Y
162	LP001562	Male	Yes	0	Graduate	No	7933	0	275	360	1	Urban	N
163	LP001565	Male	Yes	1	Graduate	No	3089	1280	121	360	0	Semiurban	N
164	LP001570	Male	Yes	2	Graduate	No	4167	1447	158	360	1	Rural	Y
165	LP001572	Male	Yes	0	Graduate	No	9323	0	75	180	1	Urban	Y
166	LP001574	Male	Yes	0	Graduate	No	3707	3166	182	.	1	Rural	Y
167	LP001577	Female	Yes	0	Graduate	No	4583	0	112	360	1	Rural	N
168	LP001578	Male	Yes	0	Graduate	No	2439	3333	129	360	1	Rural	Y
169	LP001579	Male	No	0	Graduate	No	2237	0	63	480	0	Semiurban	N
170	LP001580	Male	Yes	2	Graduate	No	8000	0	200	360	1	Semiurban	Y
171	LP001581	Male	Yes	0	Not Graduate		1820	1769	95	360	1	Rural	Y
172	LP001585		Yes	3+	Graduate	No	51763	0	700	300	1	Urban	Y
173	LP001586	Male	Yes	3+	Not Graduate	No	3522	0	81	180	1	Rural	N
174	LP001594	Male	Yes	0	Graduate	No	5708	5625	187	360	1	Semiurban	Y
175	LP001603	Male	Yes	0	Not Graduate	Yes	4344	736	87	360	1	Semiurban	N
176	LP001606	Male	Yes	0	Graduate	No	3497	1964	116	360	1	Rural	Y
177	LP001608	Male	Yes	2	Graduate	No	2045	1619	101	360	1	Rural	Y
178	LP001610	Male	Yes	3+	Graduate	No	5516	11300	495	360	0	Semiurban	N
179	LP001616	Male	Yes	1	Graduate	No	3750	0	116	360	1	Semiurban	Y
180	LP001630	Male	No	0	Not Graduate	No	2333	1451	102	480	0	Urban	N

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
181	LP001633	Male	Yes	1	Graduate	No	6400	7250	180	360	0	Urban	N
182	LP001634	Male	No	0	Graduate	No	1916	5063	67	360	.	Rural	N
183	LP001636	Male	Yes	0	Graduate	No	4600	0	73	180	1	Semiurban	Y
184	LP001637	Male	Yes	1	Graduate	No	33846	0	260	360	1	Semiurban	N
185	LP001639	Female	Yes	0	Graduate	No	3625	0	108	360	1	Semiurban	Y
186	LP001640	Male	Yes	0	Graduate	Yes	39147	4750	120	360	1	Semiurban	Y
187	LP001641	Male	Yes	1	Graduate	Yes	2178	0	66	300	0	Rural	N
188	LP001643	Male	Yes	0	Graduate	No	2383	2138	58	360	.	Rural	Y
189	LP001644		Yes	0	Graduate	Yes	674	5296	168	360	1	Rural	Y
190	LP001647	Male	Yes	0	Graduate	No	9328	0	188	180	1	Rural	Y
191	LP001653	Male	No	0	Not Graduate	No	4885	0	48	360	1	Rural	Y
192	LP001656	Male	No	0	Graduate	No	12000	0	164	360	1	Semiurban	N
193	LP001657	Male	Yes	0	Not Graduate	No	6033	0	160	360	1	Urban	N
194	LP001658	Male	No	0	Graduate	No	3858	0	76	360	1	Semiurban	Y
195	LP001664	Male	No	0	Graduate	No	4191	0	120	360	1	Rural	Y
196	LP001665	Male	Yes	1	Graduate	No	3125	2583	170	360	1	Semiurban	N
197	LP001666	Male	No	0	Graduate	No	8333	3750	187	360	1	Rural	Y
198	LP001669	Female	No	0	Not Graduate	No	1907	2365	120	.	1	Urban	Y
199	LP001671	Female	Yes	0	Graduate	No	3416	2816	113	360	.	Semiurban	Y
200	LP001673	Male	No	0	Graduate	Yes	11000	0	83	360	1	Urban	N
201	LP001674	Male	Yes	1	Not Graduate	No	2600	2500	90	360	1	Semiurban	Y
202	LP001677	Male	No	2	Graduate	No	4923	0	166	360	0	Semiurban	Y
203	LP001682	Male	Yes	3+	Not Graduate	No	3992	0	.	180	1	Urban	N
204	LP001688	Male	Yes	1	Not Graduate	No	3500	1083	135	360	1	Urban	Y
205	LP001691	Male	Yes	2	Not Graduate	No	3917	0	124	360	1	Semiurban	Y
206	LP001692	Female	No	0	Not Graduate	No	4408	0	120	360	1	Semiurban	Y
207	LP001693	Female	No	0	Graduate	No	3244	0	80	360	1	Urban	Y
208	LP001698	Male	No	0	Not Graduate	No	3975	2531	55	360	1	Rural	Y
209	LP001699	Male	No	0	Graduate	No	2479	0	59	360	1	Urban	Y
210	LP001702	Male	No	0	Graduate	No	3418	0	127	360	1	Semiurban	N

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
211	LP001708	Female	No	0	Graduate	No	10000	0	214	360	1	Semiurban	N
212	LP001711	Male	Yes	3+	Graduate	No	3430	1250	128	360	0	Semiurban	N
213	LP001713	Male	Yes	1	Graduate	Yes	7787	0	240	360	1	Urban	Y
214	LP001715	Male	Yes	3+	Not Graduate	Yes	5703	0	130	360	1	Rural	Y
215	LP001716	Male	Yes	0	Graduate	No	3173	3021	137	360	1	Urban	Y
216	LP001720	Male	Yes	3+	Not Graduate	No	3850	983	100	360	1	Semiurban	Y
217	LP001722	Male	Yes	0	Graduate	No	150	1800	135	360	1	Rural	N
218	LP001726	Male	Yes	0	Graduate	No	3727	1775	131	360	1	Semiurban	Y
219	LP001732	Male	Yes	2	Graduate		5000	0	72	360	0	Semiurban	N
220	LP001734	Female	Yes	2	Graduate	No	4283	2383	127	360	.	Semiurban	Y
221	LP001736	Male	Yes	0	Graduate	No	2221	0	60	360	0	Urban	N
222	LP001743	Male	Yes	2	Graduate	No	4009	1717	116	360	1	Semiurban	Y
223	LP001744	Male	No	0	Graduate	No	2971	2791	144	360	1	Semiurban	Y
224	LP001749	Male	Yes	0	Graduate	No	7578	1010	175	.	1	Semiurban	Y
225	LP001750	Male	Yes	0	Graduate	No	6250	0	128	360	1	Semiurban	Y
226	LP001751	Male	Yes	0	Graduate	No	3250	0	170	360	1	Rural	N
227	LP001754	Male	Yes		Not Graduate	Yes	4735	0	138	360	1	Urban	N
228	LP001758	Male	Yes	2	Graduate	No	6250	1695	210	360	1	Semiurban	Y
229	LP001760	Male			Graduate	No	4758	0	158	480	1	Semiurban	Y
230	LP001761	Male	No	0	Graduate	Yes	6400	0	200	360	1	Rural	Y
231	LP001765	Male	Yes	1	Graduate	No	2491	2054	104	360	1	Semiurban	Y
232	LP001768	Male	Yes	0	Graduate		3716	0	42	180	1	Rural	Y
233	LP001770	Male	No	0	Not Graduate	No	3189	2598	120	.	1	Rural	Y
234	LP001776	Female	No	0	Graduate	No	8333	0	280	360	1	Semiurban	Y
235	LP001778	Male	Yes	1	Graduate	No	3155	1779	140	360	1	Semiurban	Y
236	LP001784	Male	Yes	1	Graduate	No	5500	1260	170	360	1	Rural	Y
237	LP001786	Male	Yes	0	Graduate		5746	0	255	360	.	Urban	N
238	LP001788	Female	No	0	Graduate	Yes	3463	0	122	360	.	Urban	Y
239	LP001790	Female	No	1	Graduate	No	3812	0	112	360	1	Rural	Y
240	LP001792	Male	Yes	1	Graduate	No	3315	0	96	360	1	Semiurban	Y
241	LP001798	Male	Yes	2	Graduate	No	5819	5000	120	360	1	Rural	Y
242	LP001800	Male	Yes	1	Not Graduate	No	2510	1983	140	180	1	Urban	N
243	LP001806	Male	No	0	Graduate	No	2965	5701	155	60	1	Urban	Y

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
244	LP001807	Male	Yes	2	Graduate	Yes	6250	1300	108	360	1	Rural	Y
245	LP001811	Male	Yes	0	Not Graduate	No	3406	4417	123	360	1	Semiurban	Y
246	LP001813	Male	No	0	Graduate	Yes	6050	4333	120	180	1	Urban	N
247	LP001814	Male	Yes	2	Graduate	No	9703	0	112	360	1	Urban	Y
248	LP001819	Male	Yes	1	Not Graduate	No	6608	0	137	180	1	Urban	Y
249	LP001824	Male	Yes	1	Graduate	No	2882	1843	123	480	1	Semiurban	Y
250	LP001825	Male	Yes	0	Graduate	No	1809	1868	90	360	1	Urban	Y
251	LP001835	Male	Yes	0	Not Graduate	No	1668	3890	201	360	0	Semiurban	N
252	LP001836	Female	No	2	Graduate	No	3427	0	138	360	1	Urban	N
253	LP001841	Male	No	0	Not Graduate	Yes	2583	2167	104	360	1	Rural	Y
254	LP001843	Male	Yes	1	Not Graduate	No	2661	7101	279	180	1	Semiurban	Y
255	LP001844	Male	No	0	Graduate	Yes	16250	0	192	360	0	Urban	N
256	LP001846	Female	No	3+	Graduate	No	3083	0	255	360	1	Rural	Y
257	LP001849	Male	No	0	Not Graduate	No	6045	0	115	360	0	Rural	N
258	LP001854	Male	Yes	3+	Graduate	No	5250	0	94	360	1	Urban	N
259	LP001859	Male	Yes	0	Graduate	No	14683	2100	304	360	1	Rural	N
260	LP001864	Male	Yes	3+	Not Graduate	No	4931	0	128	360	.	Semiurban	N
261	LP001865	Male	Yes	1	Graduate	No	6083	4250	330	360	.	Urban	Y
262	LP001868	Male	No	0	Graduate	No	2060	2209	134	360	1	Semiurban	Y
263	LP001870	Female	No	1	Graduate	No	3481	0	155	36	1	Semiurban	N
264	LP001871	Female	No	0	Graduate	No	7200	0	120	360	1	Rural	Y
265	LP001872	Male	No	0	Graduate	Yes	5166	0	128	360	1	Semiurban	Y
266	LP001875	Male	No	0	Graduate	No	4095	3447	151	360	1	Rural	Y
267	LP001877	Male	Yes	2	Graduate	No	4708	1387	150	360	1	Semiurban	Y
268	LP001882	Male	Yes	3+	Graduate	No	4333	1811	160	360	0	Urban	Y
269	LP001883	Female	No	0	Graduate		3418	0	135	360	1	Rural	N
270	LP001884	Female	No	1	Graduate	No	2876	1560	90	360	1	Urban	Y
271	LP001888	Female	No	0	Graduate	No	3237	0	30	360	1	Urban	Y
272	LP001891	Male	Yes	0	Graduate	No	11146	0	136	360	1	Urban	Y
273	LP001892	Male	No	0	Graduate	No	2833	1857	126	360	1	Rural	Y
274	LP001894	Male	Yes	0	Graduate	No	2620	2223	150	360	1	Semiurban	Y

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
275	LP001896	Male	Yes	2	Graduate	No	3900	0	90	360	1	Semiurban	Y
276	LP001900	Male	Yes	1	Graduate	No	2750	1842	115	360	1	Semiurban	Y
277	LP001903	Male	Yes	0	Graduate	No	3993	3274	207	360	1	Semiurban	Y
278	LP001904	Male	Yes	0	Graduate	No	3103	1300	80	360	1	Urban	Y
279	LP001907	Male	Yes	0	Graduate	No	14583	0	436	360	1	Semiurban	Y
280	LP001908	Female	Yes	0	Not Graduate	No	4100	0	124	360	.	Rural	Y
281	LP001910	Male	No	1	Not Graduate	Yes	4053	2426	158	360	0	Urban	N
282	LP001914	Male	Yes	0	Graduate	No	3927	800	112	360	1	Semiurban	Y
283	LP001915	Male	Yes	2	Graduate	No	2301	985.7999878	78	180	1	Urban	Y
284	LP001917	Female	No	0	Graduate	No	1811	1666	54	360	1	Urban	Y
285	LP001922	Male	Yes	0	Graduate	No	20667	0	.	360	1	Rural	N
286	LP001924	Male	No	0	Graduate	No	3158	3053	89	360	1	Rural	Y
287	LP001925	Female	No	0	Graduate	Yes	2600	1717	99	300	1	Semiurban	N
288	LP001926	Male	Yes	0	Graduate	No	3704	2000	120	360	1	Rural	Y
289	LP001931	Female	No	0	Graduate	No	4124	0	115	360	1	Semiurban	Y
290	LP001935	Male	No	0	Graduate	No	9508	0	187	360	1	Rural	Y
291	LP001936	Male	Yes	0	Graduate	No	3075	2416	139	360	1	Rural	Y
292	LP001938	Male	Yes	2	Graduate	No	4400	0	127	360	0	Semiurban	N
293	LP001940	Male	Yes	2	Graduate	No	3153	1560	134	360	1	Urban	Y
294	LP001945	Female	No		Graduate	No	5417	0	143	480	0	Urban	N
295	LP001947	Male	Yes	0	Graduate	No	2383	3334	172	360	1	Semiurban	Y
296	LP001949	Male	Yes	3+	Graduate		4416	1250	110	360	1	Urban	Y
297	LP001953	Male	Yes	1	Graduate	No	6875	0	200	360	1	Semiurban	Y
298	LP001954	Female	Yes	1	Graduate	No	4666	0	135	360	1	Urban	Y
299	LP001955	Female	No	0	Graduate	No	5000	2541	151	480	1	Rural	N
300	LP001963	Male	Yes	1	Graduate	No	2014	2925	113	360	1	Urban	N
301	LP001964	Male	Yes	0	Not Graduate	No	1800	2934	93	360	0	Urban	N
302	LP001972	Male	Yes		Not Graduate	No	2875	1750	105	360	1	Semiurban	Y
303	LP001974	Female	No	0	Graduate	No	5000	0	132	360	1	Rural	Y
304	LP001977	Male	Yes	1	Graduate	No	1625	1803	96	360	1	Urban	Y
305	LP001978	Male	No	0	Graduate	No	4000	2500	140	360	1	Rural	Y
306	LP001990	Male	No	0	Not Graduate	No	2000	0	.	360	1	Urban	N
307	LP001993	Female	No	0	Graduate	No	3762	1666	135	360	1	Rural	Y

Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
308	LP001994	Female	No	0	Graduate	No	2400	1863	104	360	0	Urban	N
309	LP001996	Male	No	0	Graduate	No	20233	0	480	360	1	Rural	N
310	LP001998	Male	Yes	2	Not Graduate	No	7667	0	185	360	.	Rural	Y
311	LP002002	Female	No	0	Graduate	No	2917	0	84	360	1	Semiurban	Y
312	LP002004	Male	No	0	Not Graduate	No	2927	2405	111	360	1	Semiurban	Y
313	LP002006	Female	No	0	Graduate	No	2507	0	56	360	1	Rural	Y
314	LP002008	Male	Yes	2	Graduate	Yes	5746	0	144	84	.	Rural	Y
315	LP002024		Yes	0	Graduate	No	2473	1843	159	360	1	Rural	N
316	LP002031	Male	Yes	1	Not Graduate	No	3399	1640	111	180	1	Urban	Y
317	LP002035	Male	Yes	2	Graduate	No	3717	0	120	360	1	Semiurban	Y
318	LP002036	Male	Yes	0	Graduate	No	2058	2134	88	360	.	Urban	Y
319	LP002043	Female	No	1	Graduate	No	3541	0	112	360	.	Semiurban	Y
320	LP002050	Male	Yes	1	Graduate	Yes	10000	0	155	360	1	Rural	N
321	LP002051	Male	Yes	0	Graduate	No	2400	2167	115	360	1	Semiurban	Y
322	LP002053	Male	Yes	3+	Graduate	No	4342	189	124	360	1	Semiurban	Y
323	LP002054	Male	Yes	2	Not Graduate	No	3601	1590	.	360	1	Rural	Y
324	LP002055	Female	No	0	Graduate	No	3166	2985	132	360	.	Rural	Y
325	LP002065	Male	Yes	3+	Graduate	No	15000	0	300	360	1	Rural	Y
326	LP002067	Male	Yes	1	Graduate	Yes	8666	4983	376	360	0	Rural	N
327	LP002068	Male	No	0	Graduate	No	4917	0	130	360	0	Rural	Y
328	LP002082	Male	Yes	0	Graduate	Yes	5818	2160	184	360	1	Semiurban	Y
329	LP002086	Female	Yes	0	Graduate	No	4333	2451	110	360	1	Urban	N
330	LP002087	Female	No	0	Graduate	No	2500	0	67	360	1	Urban	Y
331	LP002097	Male	No	1	Graduate	No	4384	1793	117	360	1	Urban	Y
332	LP002098	Male	No	0	Graduate	No	2935	0	98	360	1	Semiurban	Y
333	LP002100	Male	No		Graduate	No	2833	0	71	360	1	Urban	Y
334	LP002101	Male	Yes	0	Graduate		63337	0	490	180	1	Urban	Y
335	LP002103		Yes	1	Graduate	Yes	9833	1833	182	180	1	Urban	Y
336	LP002106	Male	Yes		Graduate	Yes	5503	4490	70	.	1	Semiurban	Y
337	LP002110	Male	Yes	1	Graduate		5250	688	160	360	1	Rural	Y
338	LP002112	Male	Yes	2	Graduate	Yes	2500	4600	176	360	1	Rural	Y
339	LP002113	Female	No	3+	Not Graduate	No	1830	0	.	360	0	Urban	N
340	LP002114	Female	No	0	Graduate	No	4160	0	71	360	1	Semiurban	Y

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
341	LP002115	Male	Yes	3+	Not Graduate	No	2647	1587	173	360	1	Rural	N
342	LP002116	Female	No	0	Graduate	No	2378	0	46	360	1	Rural	N
343	LP002119	Male	Yes	1	Not Graduate	No	4554	1229	158	360	1	Urban	Y
344	LP002126	Male	Yes	3+	Not Graduate	No	3173	0	74	360	1	Semiurban	Y
345	LP002128	Male	Yes	2	Graduate		2583	2330	125	360	1	Rural	Y
346	LP002129	Male	Yes	0	Graduate	No	2499	2458	160	360	1	Semiurban	Y
347	LP002130	Male	Yes		Not Graduate	No	3523	3230	152	360	0	Rural	N
348	LP002131	Male	Yes	2	Not Graduate	No	3083	2168	126	360	1	Urban	Y
349	LP002137	Male	Yes	0	Graduate	No	6333	4583	259	360	.	Semiurban	Y
350	LP002138	Male	Yes	0	Graduate	No	2625	6250	187	360	1	Rural	Y
351	LP002139	Male	Yes	0	Graduate	No	9083	0	228	360	1	Semiurban	Y
352	LP002140	Male	No	0	Graduate	No	8750	4167	308	360	1	Rural	N
353	LP002141	Male	Yes	3+	Graduate	No	2666	2083	95	360	1	Rural	Y
354	LP002142	Female	Yes	0	Graduate	Yes	5500	0	105	360	0	Rural	N
355	LP002143	Female	Yes	0	Graduate	No	2423	505	130	360	1	Semiurban	Y
356	LP002144	Female	No		Graduate	No	3813	0	116	180	1	Urban	Y
357	LP002149	Male	Yes	2	Graduate	No	8333	3167	165	360	1	Rural	Y
358	LP002151	Male	Yes	1	Graduate	No	3875	0	67	360	1	Urban	N
359	LP002158	Male	Yes	0	Not Graduate	No	3000	1666	100	480	0	Urban	N
360	LP002160	Male	Yes	3+	Graduate	No	5167	3167	200	360	1	Semiurban	Y
361	LP002161	Female	No	1	Graduate	No	4723	0	81	360	1	Semiurban	N
362	LP002170	Male	Yes	2	Graduate	No	5000	3667	236	360	1	Semiurban	Y
363	LP002175	Male	Yes	0	Graduate	No	4750	2333	130	360	1	Urban	Y
364	LP002178	Male	Yes	0	Graduate	No	3013	3033	95	300	.	Urban	Y
365	LP002180	Male	No	0	Graduate	Yes	6822	0	141	360	1	Rural	Y
366	LP002181	Male	No	0	Not Graduate	No	6216	0	133	360	1	Rural	N
367	LP002187	Male	No	0	Graduate	No	2500	0	96	480	1	Semiurban	N
368	LP002188	Male	No	0	Graduate	No	5124	0	124	.	0	Rural	N
369	LP002190	Male	Yes	1	Graduate	No	6325	0	175	360	1	Semiurban	Y
370	LP002191	Male	Yes	0	Graduate	No	19730	5266	570	360	1	Rural	N
371	LP002194	Female	No	0	Graduate	Yes	15759	0	55	360	1	Semiurban	Y

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
372	LP002197	Male	Yes	2	Graduate	No	5185	0	155	360	1	Semiurban	Y
373	LP002201	Male	Yes	2	Graduate	Yes	9323	7873	380	300	1	Rural	Y
374	LP002205	Male	No	1	Graduate	No	3062	1987	111	180	0	Urban	N
375	LP002209	Female	No	0	Graduate		2764	1459	110	360	1	Urban	Y
376	LP002211	Male	Yes	0	Graduate	No	4817	923	120	180	1	Urban	Y
377	LP002219	Male	Yes	3+	Graduate	No	8750	4996	130	360	1	Rural	Y
378	LP002223	Male	Yes	0	Graduate	No	4310	0	130	360	.	Semiurban	Y
379	LP002224	Male	No	0	Graduate	No	3069	0	71	480	1	Urban	N
380	LP002225	Male	Yes	2	Graduate	No	5391	0	130	360	1	Urban	Y
381	LP002226	Male	Yes	0	Graduate		3333	2500	128	360	1	Semiurban	Y
382	LP002229	Male	No	0	Graduate	No	5941	4232	296	360	1	Semiurban	Y
383	LP002231	Female	No	0	Graduate	No	6000	0	156	360	1	Urban	Y
384	LP002234	Male	No	0	Graduate	Yes	7167	0	128	360	1	Urban	Y
385	LP002236	Male	Yes	2	Graduate	No	4566	0	100	360	1	Urban	N
386	LP002237	Male	No	1	Graduate		3667	0	113	180	1	Urban	Y
387	LP002239	Male	No	0	Not Graduate	No	2346	1600	132	360	1	Semiurban	Y
388	LP002243	Male	Yes	0	Not Graduate	No	3010	3136	.	360	0	Urban	N
389	LP002244	Male	Yes	0	Graduate	No	2333	2417	136	360	1	Urban	Y
390	LP002250	Male	Yes	0	Graduate	No	5488	0	125	360	1	Rural	Y
391	LP002255	Male	No	3+	Graduate	No	9167	0	185	360	1	Rural	Y
392	LP002262	Male	Yes	3+	Graduate	No	9504	0	275	360	1	Rural	Y
393	LP002263	Male	Yes	0	Graduate	No	2583	2115	120	360	.	Urban	Y
394	LP002265	Male	Yes	2	Not Graduate	No	1993	1625	113	180	1	Semiurban	Y
395	LP002266	Male	Yes	2	Graduate	No	3100	1400	113	360	1	Urban	Y
396	LP002272	Male	Yes	2	Graduate	No	3276	484	135	360	.	Semiurban	Y
397	LP002277	Female	No	0	Graduate	No	3180	0	71	360	0	Urban	N
398	LP002281	Male	Yes	0	Graduate	No	3033	1459	95	360	1	Urban	Y
399	LP002284	Male	No	0	Not Graduate	No	3902	1666	109	360	1	Rural	Y
400	LP002287	Female	No	0	Graduate	No	1500	1800	103	360	0	Semiurban	N
401	LP002288	Male	Yes	2	Not Graduate	No	2889	0	45	180	0	Urban	N
402	LP002296	Male	No	0	Not Graduate	No	2755	0	65	300	1	Rural	N
403	LP002297	Male	No	0	Graduate	No	2500	20000	103	360	1	Semiurban	Y

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Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
404	LP002300	Female	No	0	Not Graduate	No	1963	0	53	360	1	Semiurban	Y
405	LP002301	Female	No	0	Graduate	Yes	7441	0	194	360	1	Rural	N
406	LP002305	Female	No	0	Graduate	No	4547	0	115	360	1	Semiurban	Y
407	LP002308	Male	Yes	0	Not Graduate	No	2167	2400	115	360	1	Urban	Y
408	LP002314	Female	No	0	Not Graduate	No	2213	0	66	360	1	Rural	Y
409	LP002315	Male	Yes	1	Graduate	No	8300	0	152	300	0	Semiurban	N
410	LP002317	Male	Yes	3+	Graduate	No	81000	0	360	360	0	Rural	N
411	LP002318	Female	No	1	Not Graduate	Yes	3867	0	62	360	1	Semiurban	N
412	LP002319	Male	Yes	0	Graduate		6256	0	160	360	.	Urban	Y
413	LP002328	Male	Yes	0	Not Graduate	No	6096	0	218	360	0	Rural	N
414	LP002332	Male	Yes	0	Not Graduate	No	2253	2033	110	360	1	Rural	Y
415	LP002335	Female	Yes	0	Not Graduate	No	2149	3237	178	360	0	Semiurban	N
416	LP002337	Female	No	0	Graduate	No	2995	0	60	360	1	Urban	Y
417	LP002341	Female	No	1	Graduate	No	2600	0	160	360	1	Urban	N
418	LP002342	Male	Yes	2	Graduate	Yes	1600	20000	239	360	1	Urban	N
419	LP002345	Male	Yes	0	Graduate	No	1025	2773	112	360	1	Rural	Y
420	LP002347	Male	Yes	0	Graduate	No	3246	1417	138	360	1	Semiurban	Y
421	LP002348	Male	Yes	0	Graduate	No	5829	0	138	360	1	Rural	Y
422	LP002357	Female	No	0	Not Graduate	No	2720	0	80	.	0	Urban	N
423	LP002361	Male	Yes	0	Graduate	No	1820	1719	100	360	1	Urban	Y
424	LP002362	Male	Yes	1	Graduate	No	7250	1667	110	.	0	Urban	N
425	LP002364	Male	Yes	0	Graduate	No	14880	0	96	360	1	Semiurban	Y
426	LP002366	Male	Yes	0	Graduate	No	2666	4300	121	360	1	Rural	Y
427	LP002367	Female	No	1	Not Graduate	No	4606	0	81	360	1	Rural	N
428	LP002368	Male	Yes	2	Graduate	No	5935	0	133	360	1	Semiurban	Y
429	LP002369	Male	Yes	0	Graduate	No	2920	16.12000084	87	360	1	Rural	Y
430	LP002370	Male	No	0	Not Graduate	No	2717	0	60	180	1	Urban	Y
431	LP002377	Female	No	1	Graduate	Yes	8624	0	150	360	1	Semiurban	Y
432	LP002379	Male	No	0	Graduate	No	6500	0	105	360	0	Rural	N

Results: loan_part2.sas

Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
433	LP002386	Male	No	0	Graduate		12876	0	405	360	1	Semiurban	Y
434	LP002387	Male	Yes	0	Graduate	No	2425	2340	143	360	1	Semiurban	Y
435	LP002390	Male	No	0	Graduate	No	3750	0	100	360	1	Urban	Y
436	LP002393	Female			Graduate	No	10047	0	.	240	1	Semiurban	Y
437	LP002398	Male	No	0	Graduate	No	1926	1851	50	360	1	Semiurban	Y
438	LP002401	Male	Yes	0	Graduate	No	2213	1125	.	360	1	Urban	Y
439	LP002403	Male	No	0	Graduate	Yes	10416	0	187	360	0	Urban	N
440	LP002407	Female	Yes	0	Not Graduate	Yes	7142	0	138	360	1	Rural	Y
441	LP002408	Male	No	0	Graduate	No	3660	5064	187	360	1	Semiurban	Y
442	LP002409	Male	Yes	0	Graduate	No	7901	1833	180	360	1	Rural	Y
443	LP002418	Male	No	3+	Not Graduate	No	4707	1993	148	360	1	Semiurban	Y
444	LP002422	Male	No	1	Graduate	No	37719	0	152	360	1	Semiurban	Y
445	LP002424	Male	Yes	0	Graduate	No	7333	8333	175	300	.	Rural	Y
446	LP002429	Male	Yes	1	Graduate	Yes	3466	1210	130	360	1	Rural	Y
447	LP002434	Male	Yes	2	Not Graduate	No	4652	0	110	360	1	Rural	Y
448	LP002435	Male	Yes	0	Graduate		3539	1376	55	360	1	Rural	N
449	LP002443	Male	Yes	2	Graduate	No	3340	1710	150	360	0	Rural	N
450	LP002444	Male	No	1	Not Graduate	Yes	2769	1542	190	360	.	Semiurban	N
451	LP002446	Male	Yes	2	Not Graduate	No	2309	1255	125	360	0	Rural	N
452	LP002447	Male	Yes	2	Not Graduate	No	1958	1456	60	300	.	Urban	Y
453	LP002448	Male	Yes	0	Graduate	No	3948	1733	149	360	0	Rural	N
454	LP002449	Male	Yes	0	Graduate	No	2483	2466	90	180	0	Rural	Y
455	LP002453	Male	No	0	Graduate	Yes	7085	0	84	360	1	Semiurban	Y
456	LP002455	Male	Yes	2	Graduate	No	3859	0	96	360	1	Semiurban	Y
457	LP002459	Male	Yes	0	Graduate	No	4301	0	118	360	1	Urban	Y
458	LP002467	Male	Yes	0	Graduate	No	3708	2569	173	360	1	Urban	N
459	LP002472	Male	No	2	Graduate	No	4354	0	136	360	1	Rural	Y
460	LP002473	Male	Yes	0	Graduate	No	8334	0	160	360	1	Semiurban	N
461	LP002478		Yes	0	Graduate	Yes	2083	4083	160	360	.	Semiurban	Y
462	LP002484	Male	Yes	3+	Graduate	No	7740	0	128	180	1	Urban	Y
463	LP002487	Male	Yes	0	Graduate	No	3015	2188	153	360	1	Rural	Y

Results: loan_part2.sas

Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
464	LP002489	Female	No	1	Not Graduate		5191	0	132	360	1	Semiurban	Y
465	LP002493	Male	No	0	Graduate	No	4166	0	98	360	0	Semiurban	N
466	LP002494	Male	No	0	Graduate	No	6000	0	140	360	1	Rural	Y
467	LP002500	Male	Yes	3+	Not Graduate	No	2947	1664	70	180	0	Urban	N
468	LP002501		Yes	0	Graduate	No	16692	0	110	360	1	Semiurban	Y
469	LP002502	Female	Yes	2	Not Graduate		210	2917	98	360	1	Semiurban	Y
470	LP002505	Male	Yes	0	Graduate	No	4333	2451	110	360	1	Urban	N
471	LP002515	Male	Yes	1	Graduate	Yes	3450	2079	162	360	1	Semiurban	Y
472	LP002517	Male	Yes	1	Not Graduate	No	2653	1500	113	180	0	Rural	N
473	LP002519	Male	Yes	3+	Graduate	No	4691	0	100	360	1	Semiurban	Y
474	LP002522	Female	No	0	Graduate	Yes	2500	0	93	360	.	Urban	Y
475	LP002524	Male	No	2	Graduate	No	5532	4648	162	360	1	Rural	Y
476	LP002527	Male	Yes	2	Graduate	Yes	16525	1014	150	360	1	Rural	Y
477	LP002529	Male	Yes	2	Graduate	No	6700	1750	230	300	1	Semiurban	Y
478	LP002530		Yes	2	Graduate	No	2873	1872	132	360	0	Semiurban	N
479	LP002531	Male	Yes	1	Graduate	Yes	16667	2250	86	360	1	Semiurban	Y
480	LP002533	Male	Yes	2	Graduate	No	2947	1603	.	360	1	Urban	N
481	LP002534	Female	No	0	Not Graduate	No	4350	0	154	360	1	Rural	Y
482	LP002536	Male	Yes	3+	Not Graduate	No	3095	0	113	360	1	Rural	Y
483	LP002537	Male	Yes	0	Graduate	No	2083	3150	128	360	1	Semiurban	Y
484	LP002541	Male	Yes	0	Graduate	No	10833	0	234	360	1	Semiurban	Y
485	LP002543	Male	Yes	2	Graduate	No	8333	0	246	360	1	Semiurban	Y
486	LP002544	Male	Yes	1	Not Graduate	No	1958	2436	131	360	1	Rural	Y
487	LP002545	Male	No	2	Graduate	No	3547	0	80	360	0	Rural	N
488	LP002547	Male	Yes	1	Graduate	No	18333	0	500	360	1	Urban	N
489	LP002555	Male	Yes	2	Graduate	Yes	4583	2083	160	360	1	Semiurban	Y
490	LP002556	Male	No	0	Graduate	No	2435	0	75	360	1	Urban	N
491	LP002560	Male	No	0	Not Graduate	No	2699	2785	96	360	.	Semiurban	Y
492	LP002562	Male	Yes	1	Not Graduate	No	5333	1131	186	360	.	Urban	Y
493	LP002571	Male	No	0	Not	No	3691	0	110	360	1	Rural	Y

Results: loan_part2.sas

Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
					Graduate								
494	LP002582	Female	No	0	Not Graduate	Yes	17263	0	225	360	1	Semiurban	Y
495	LP002585	Male	Yes	0	Graduate	No	3597	2157	119	360	0	Rural	N
496	LP002586	Female	Yes	1	Graduate	No	3326	913	105	84	1	Semiurban	Y
497	LP002587	Male	Yes	0	Not Graduate	No	2600	1700	107	360	1	Rural	Y
498	LP002588	Male	Yes	0	Graduate	No	4625	2857	111	12	.	Urban	Y
499	LP002600	Male	Yes	1	Graduate	Yes	2895	0	95	360	1	Semiurban	Y
500	LP002602	Male	No	0	Graduate	No	6283	4416	209	360	0	Rural	N
501	LP002603	Female	No	0	Graduate	No	645	3683	113	480	1	Rural	Y
502	LP002606	Female	No	0	Graduate	No	3159	0	100	360	1	Semiurban	Y
503	LP002615	Male	Yes	2	Graduate	No	4865	5624	208	360	1	Semiurban	Y
504	LP002618	Male	Yes	1	Not Graduate	No	4050	5302	138	360	.	Rural	N
505	LP002619	Male	Yes	0	Not Graduate	No	3814	1483	124	300	1	Semiurban	Y
506	LP002622	Male	Yes	2	Graduate	No	3510	4416	243	360	1	Rural	Y
507	LP002624	Male	Yes	0	Graduate	No	20833	6667	480	360	.	Urban	Y
508	LP002625		No	0	Graduate	No	3583	0	96	360	1	Urban	N
509	LP002626	Male	Yes	0	Graduate	Yes	2479	3013	188	360	1	Urban	Y
510	LP002634	Female	No	1	Graduate	No	13262	0	40	360	1	Urban	Y
511	LP002637	Male	No	0	Not Graduate	No	3598	1287	100	360	1	Rural	N
512	LP002640	Male	Yes	1	Graduate	No	6065	2004	250	360	1	Semiurban	Y
513	LP002643	Male	Yes	2	Graduate	No	3283	2035	148	360	1	Urban	Y
514	LP002648	Male	Yes	0	Graduate	No	2130	6666	70	180	1	Semiurban	N
515	LP002652	Male	No	0	Graduate	No	5815	3666	311	360	1	Rural	N
516	LP002659	Male	Yes	3+	Graduate	No	3466	3428	150	360	1	Rural	Y
517	LP002670	Female	Yes	2	Graduate	No	2031	1632	113	480	1	Semiurban	Y
518	LP002682	Male	Yes		Not Graduate	No	3074	1800	123	360	0	Semiurban	N
519	LP002683	Male	No	0	Graduate	No	4683	1915	185	360	1	Semiurban	N
520	LP002684	Female	No	0	Not Graduate	No	3400	0	95	360	1	Rural	N
521	LP002689	Male	Yes	2	Not Graduate	No	2192	1742	45	360	1	Semiurban	Y
522	LP002690	Male	No	0	Graduate	No	2500	0	55	360	1	Semiurban	Y
523	LP002692	Male	Yes	3+	Graduate	Yes	5677	1424	100	360	1	Rural	Y

Results: loan_part2.sas

Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
524	LP002693	Male	Yes	2	Graduate	Yes	7948	7166	480	360	1	Rural	Y
525	LP002697	Male	No	0	Graduate	No	4680	2087	.	360	1	Semiurban	N
526	LP002699	Male	Yes	2	Graduate	Yes	17500	0	400	360	1	Rural	Y
527	LP002705	Male	Yes	0	Graduate	No	3775	0	110	360	1	Semiurban	Y
528	LP002706	Male	Yes	1	Not Graduate	No	5285	1430	161	360	0	Semiurban	Y
529	LP002714	Male	No	1	Not Graduate	No	2679	1302	94	360	1	Semiurban	Y
530	LP002716	Male	No	0	Not Graduate	No	6783	0	130	360	1	Semiurban	Y
531	LP002717	Male	Yes	0	Graduate	No	1025	5500	216	360	.	Rural	Y
532	LP002720	Male	Yes	3+	Graduate	No	4281	0	100	360	1	Urban	Y
533	LP002723	Male	No	2	Graduate	No	3588	0	110	360	0	Rural	N
534	LP002729	Male	No	1	Graduate	No	11250	0	196	360	.	Semiurban	N
535	LP002731	Female	No	0	Not Graduate	Yes	18165	0	125	360	1	Urban	Y
536	LP002732	Male	No	0	Not Graduate		2550	2042	126	360	1	Rural	Y
537	LP002734	Male	Yes	0	Graduate	No	6133	3906	324	360	1	Urban	Y
538	LP002738	Male	No	2	Graduate	No	3617	0	107	360	1	Semiurban	Y
539	LP002739	Male	Yes	0	Not Graduate	No	2917	536	66	360	1	Rural	N
540	LP002740	Male	Yes	3+	Graduate	No	6417	0	157	180	1	Rural	Y
541	LP002741	Female	Yes	1	Graduate	No	4608	2845	140	180	1	Semiurban	Y
542	LP002743	Female	No	0	Graduate	No	2138	0	99	360	0	Semiurban	N
543	LP002753	Female	No	1	Graduate		3652	0	95	360	1	Semiurban	Y
544	LP002755	Male	Yes	1	Not Graduate	No	2239	2524	128	360	1	Urban	Y
545	LP002757	Female	Yes	0	Not Graduate	No	3017	663	102	360	.	Semiurban	Y
546	LP002767	Male	Yes	0	Graduate	No	2768	1950	155	360	1	Rural	Y
547	LP002768	Male	No	0	Not Graduate	No	3358	0	80	36	1	Semiurban	N
548	LP002772	Male	No	0	Graduate	No	2526	1783	145	360	1	Rural	Y
549	LP002776	Female	No	0	Graduate	No	5000	0	103	360	0	Semiurban	N
550	LP002777	Male	Yes	0	Graduate	No	2785	2016	110	360	1	Rural	Y
551	LP002778	Male	Yes	2	Graduate	Yes	6633	0	.	360	0	Rural	N
552	LP002784	Male	Yes	1	Not Graduate	No	2492	2375	.	360	1	Rural	Y

Results: loan_part2.sas

Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
553	LP002785	Male	Yes	1	Graduate	No	3333	3250	158	360	1	Urban	Y
554	LP002788	Male	Yes	0	Not Graduate	No	2454	2333	181	360	0	Urban	N
555	LP002789	Male	Yes	0	Graduate	No	3593	4266	132	180	0	Rural	N
556	LP002792	Male	Yes	1	Graduate	No	5468	1032	26	360	1	Semiurban	Y
557	LP002794	Female	No	0	Graduate	No	2667	1625	84	360	.	Urban	Y
558	LP002795	Male	Yes	3+	Graduate	Yes	10139	0	260	360	1	Semiurban	Y
559	LP002798	Male	Yes	0	Graduate	No	3887	2669	162	360	1	Semiurban	Y
560	LP002804	Female	Yes	0	Graduate	No	4180	2306	182	360	1	Semiurban	Y
561	LP002807	Male	Yes	2	Not Graduate	No	3675	242	108	360	1	Semiurban	Y
562	LP002813	Female	Yes	1	Graduate	Yes	19484	0	600	360	1	Semiurban	Y
563	LP002820	Male	Yes	0	Graduate	No	5923	2054	211	360	1	Rural	Y
564	LP002821	Male	No	0	Not Graduate	Yes	5800	0	132	360	1	Semiurban	Y
565	LP002832	Male	Yes	2	Graduate	No	8799	0	258	360	0	Urban	N
566	LP002833	Male	Yes	0	Not Graduate	No	4467	0	120	360	.	Rural	Y
567	LP002836	Male	No	0	Graduate	No	3333	0	70	360	1	Urban	Y
568	LP002837	Male	Yes	3+	Graduate	No	3400	2500	123	360	0	Rural	N
569	LP002840	Female	No	0	Graduate	No	2378	0	9	360	1	Urban	N
570	LP002841	Male	Yes	0	Graduate	No	3166	2064	104	360	0	Urban	N
571	LP002842	Male	Yes	1	Graduate	No	3417	1750	186	360	1	Urban	Y
572	LP002847	Male	Yes		Graduate	No	5116	1451	165	360	0	Urban	N
573	LP002855	Male	Yes	2	Graduate	No	16666	0	275	360	1	Urban	Y
574	LP002862	Male	Yes	2	Not Graduate	No	6125	1625	187	480	1	Semiurban	N
575	LP002863	Male	Yes	3+	Graduate	No	6406	0	150	360	1	Semiurban	N
576	LP002868	Male	Yes	2	Graduate	No	3159	461	108	84	1	Urban	Y
577	LP002872		Yes	0	Graduate	No	3087	2210	136	360	0	Semiurban	N
578	LP002874	Male	No	0	Graduate	No	3229	2739	110	360	1	Urban	Y
579	LP002877	Male	Yes	1	Graduate	No	1782	2232	107	360	1	Rural	Y
580	LP002888	Male	No	0	Graduate		3182	2917	161	360	1	Urban	Y
581	LP002892	Male	Yes	2	Graduate	No	6540	0	205	360	1	Semiurban	Y
582	LP002893	Male	No	0	Graduate	No	1836	33837	90	360	1	Urban	N
583	LP002894	Female	Yes	0	Graduate	No	3166	0	36	360	1	Semiurban	Y
584	LP002898	Male	Yes	1	Graduate	No	1880	0	61	360	.	Rural	N
585	LP002911	Male	Yes	1	Graduate	No	2787	1917	146	360	0	Rural	N

Results: loan_part2.sas

Obs	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_Status
586	LP002912	Male	Yes	1	Graduate	No	4283	3000	172	84	1	Rural	N
587	LP002916	Male	Yes	0	Graduate	No	2297	1522	104	360	1	Urban	Y
588	LP002917	Female	No	0	Not Graduate	No	2165	0	70	360	1	Semiurban	Y
589	LP002925		No	0	Graduate	No	4750	0	94	360	1	Semiurban	Y
590	LP002926	Male	Yes	2	Graduate	Yes	2726	0	106	360	0	Semiurban	N
591	LP002928	Male	Yes	0	Graduate	No	3000	3416	56	180	1	Semiurban	Y
592	LP002931	Male	Yes	2	Graduate	Yes	6000	0	205	240	1	Semiurban	N
593	LP002933		No	3+	Graduate	Yes	9357	0	292	360	1	Semiurban	Y
594	LP002936	Male	Yes	0	Graduate	No	3859	3300	142	180	1	Rural	Y
595	LP002938	Male	Yes	0	Graduate	Yes	16120	0	260	360	1	Urban	Y
596	LP002940	Male	No	0	Not Graduate	No	3833	0	110	360	1	Rural	Y
597	LP002941	Male	Yes	2	Not Graduate	Yes	6383	1000	187	360	1	Rural	N
598	LP002943	Male	No		Graduate	No	2987	0	88	360	0	Semiurban	N
599	LP002945	Male	Yes	0	Graduate	Yes	9963	0	180	360	1	Rural	Y
600	LP002948	Male	Yes	2	Graduate	No	5780	0	192	360	1	Urban	Y
601	LP002949	Female	No	3+	Graduate		416	41667	350	180	.	Urban	N
602	LP002950	Male	Yes	0	Not Graduate		2894	2792	155	360	1	Rural	Y
603	LP002953	Male	Yes	3+	Graduate	No	5703	0	128	360	1	Urban	Y
604	LP002958	Male	No	0	Graduate	No	3676	4301	172	360	1	Rural	Y
605	LP002959	Female	Yes	1	Graduate	No	12000	0	496	360	1	Semiurban	Y
606	LP002960	Male	Yes	0	Not Graduate	No	2400	3800	.	180	1	Urban	N
607	LP002961	Male	Yes	1	Graduate	No	3400	2500	173	360	1	Semiurban	Y
608	LP002964	Male	Yes	2	Not Graduate	No	3987	1411	157	360	1	Rural	Y
609	LP002974	Male	Yes	0	Graduate	No	3232	1950	108	360	1	Rural	Y
610	LP002978	Female	No	0	Graduate	No	2900	0	71	360	1	Rural	Y
611	LP002979	Male	Yes	3+	Graduate	No	4106	0	40	180	1	Rural	Y
612	LP002983	Male	Yes	1	Graduate	No	8072	240	253	360	1	Urban	Y
613	LP002984	Male	Yes	2	Graduate	No	7583	0	187	360	1	Urban	Y
614	LP002990	Female	No	0	Graduate	Yes	4583	0	133	360	0	Semiurban	N

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
ApplicantIncome	614	5403.46	6109.04	150.0000000	81000.00
CoapplicantIncome	614	1621.25	2926.25	0	41667.00
LoanAmount	592	146.4121622	85.5873252	9.0000000	700.0000000
Loan_Amount_Term	600	342.0000000	65.1204099	12.0000000	480.0000000
Credit_History	564	0.8421986	0.3648783	0	1.0000000

The FREQ Procedure

Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Female	112	18.64	112	18.64
Male	489	81.36	601	100.00
Frequency Missing = 13				

Married	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	213	34.86	213	34.86
Yes	398	65.14	611	100.00
Frequency Missing = 3				

Dependents	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	345	57.60	345	57.60
1	102	17.03	447	74.62
2	101	16.86	548	91.49
3+	51	8.51	599	100.00
Frequency Missing = 15				

Education	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Graduate	480	78.18	480	78.18
Not Graduate	134	21.82	614	100.00

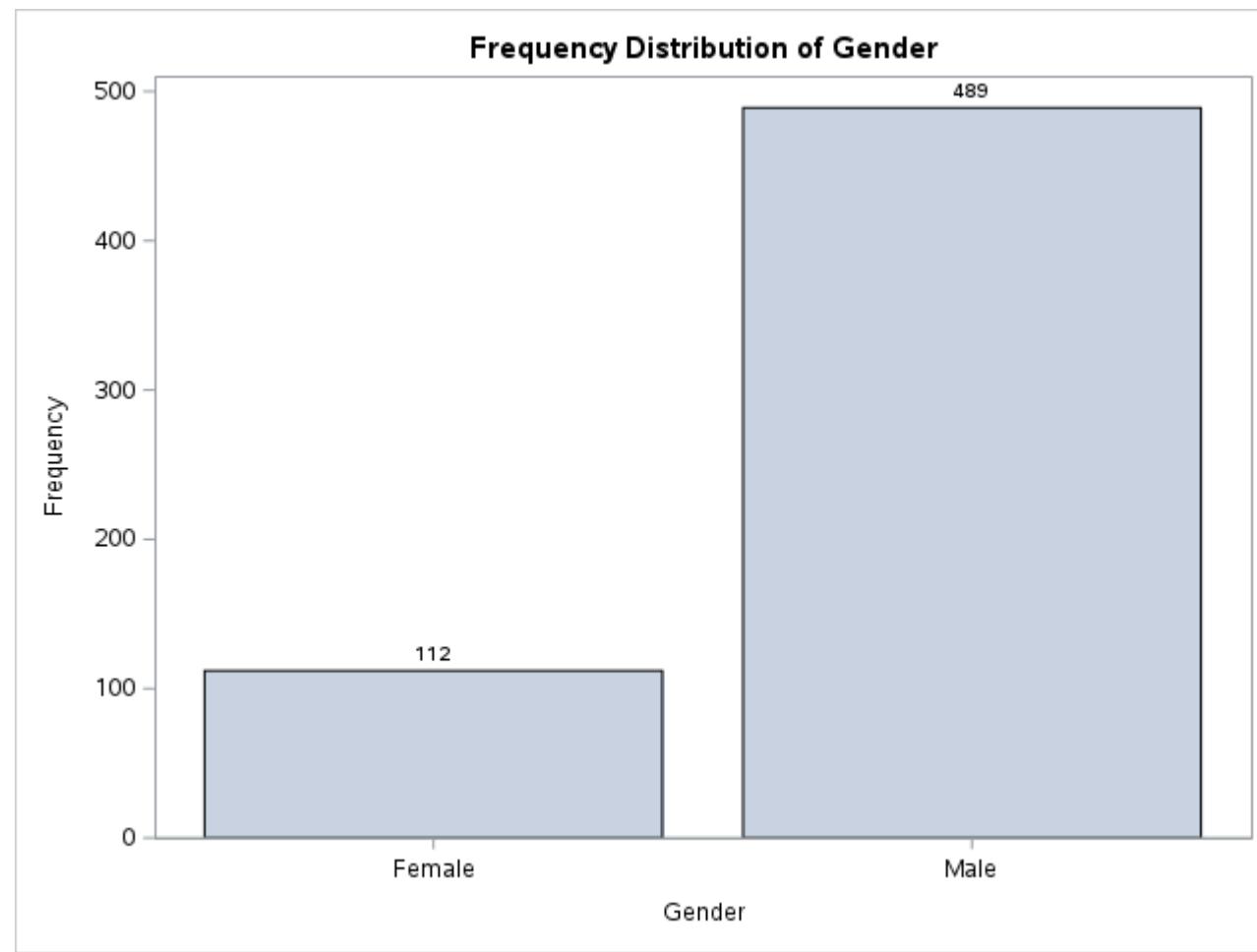
Self_Employed	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Frequency Missing = 32				

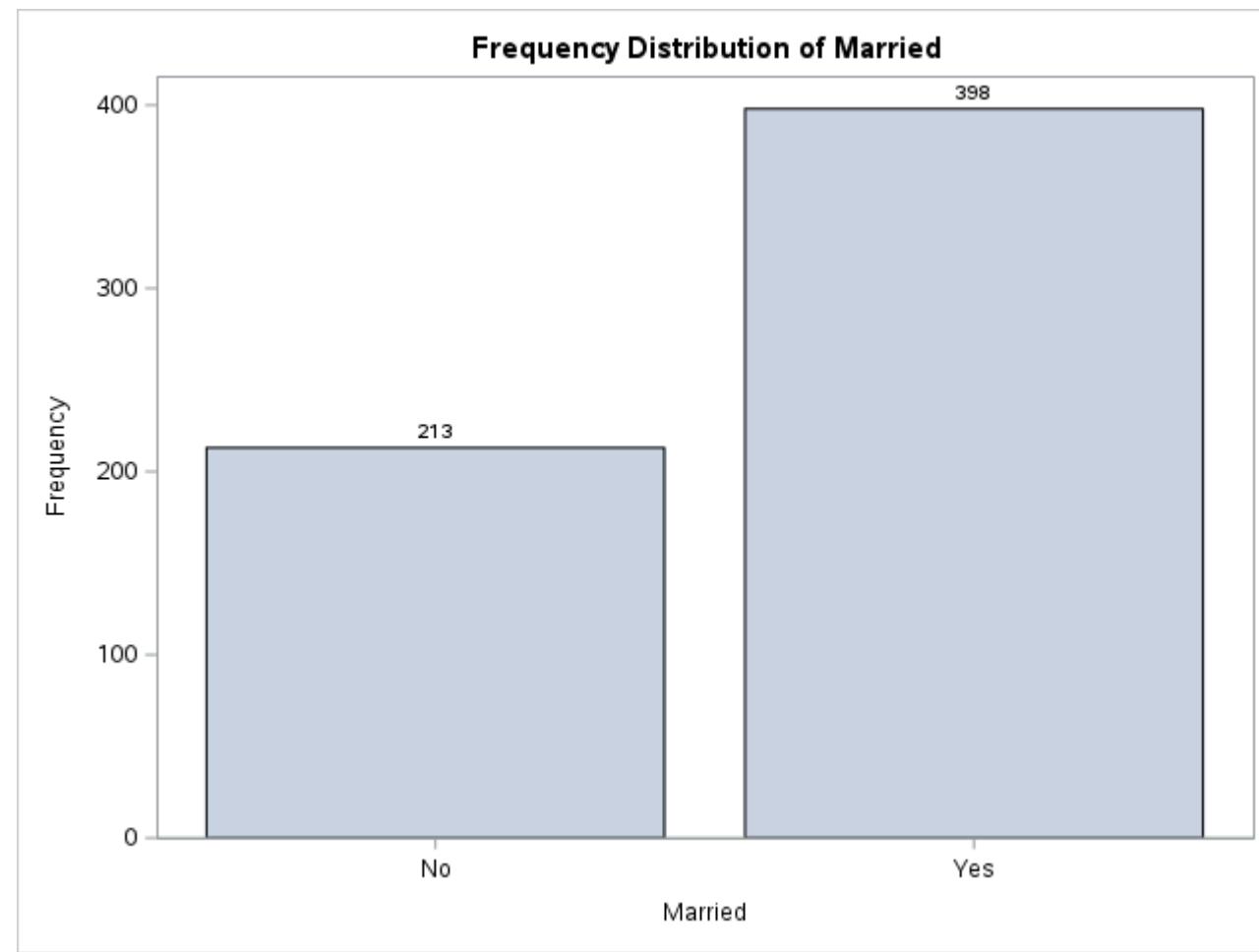
Self_Employed	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	500	85.91	500	85.91
Yes	82	14.09	582	100.00
Frequency Missing = 32				

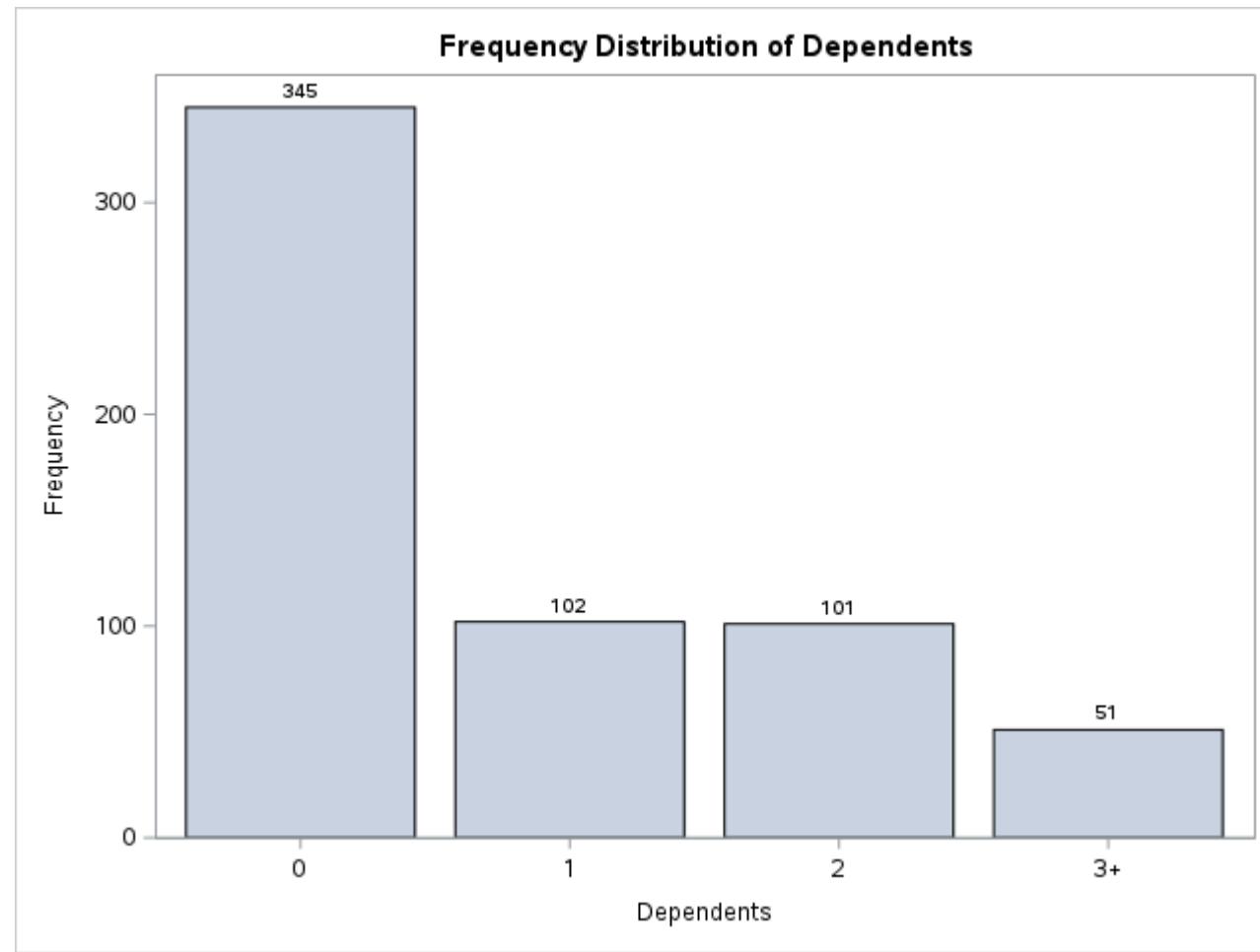
Credit_History	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	89	15.78	89	15.78
1	475	84.22	564	100.00
Frequency Missing = 50				

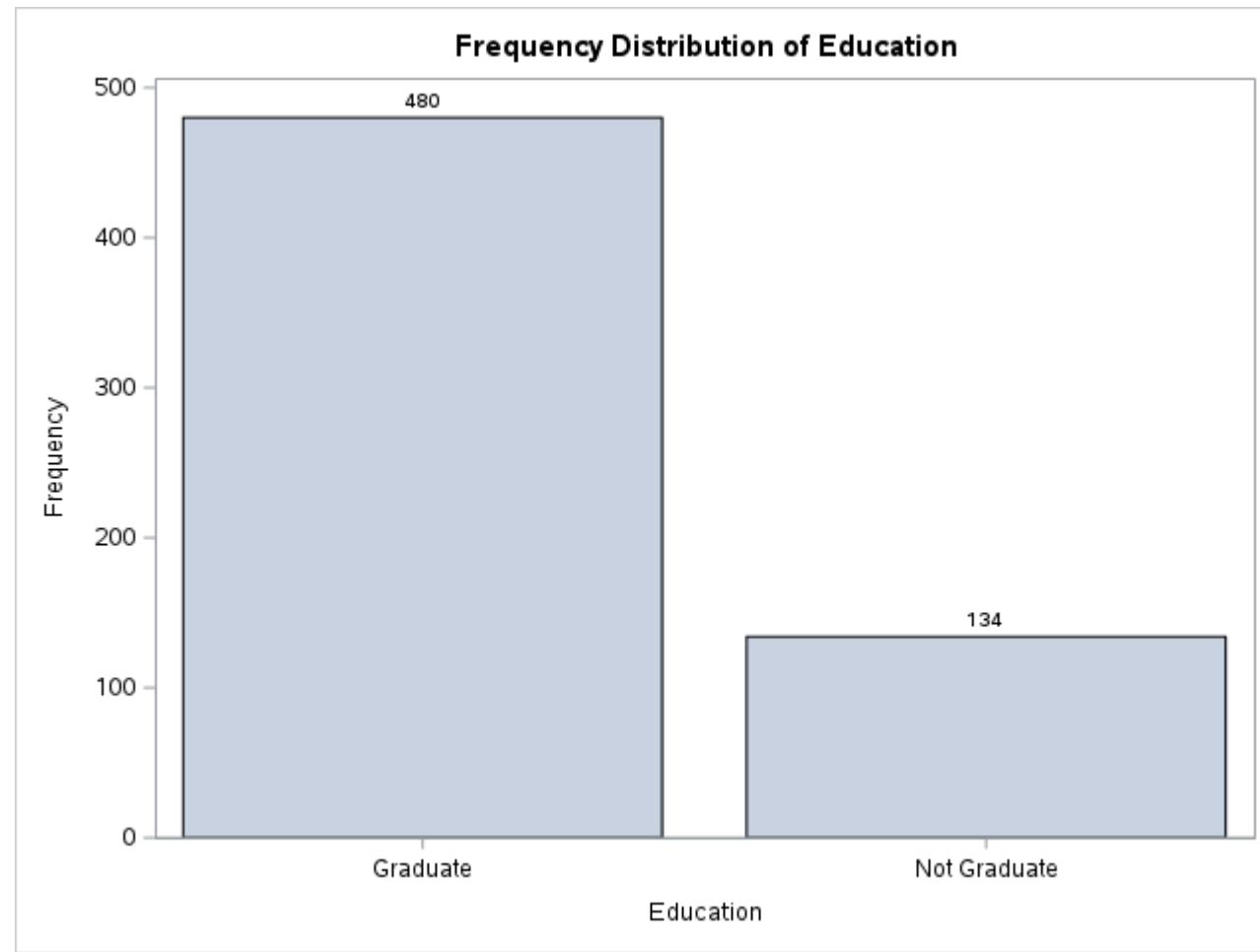
Property_Area	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Rural	179	29.15	179	29.15
Semiurban	233	37.95	412	67.10
Urban	202	32.90	614	100.00

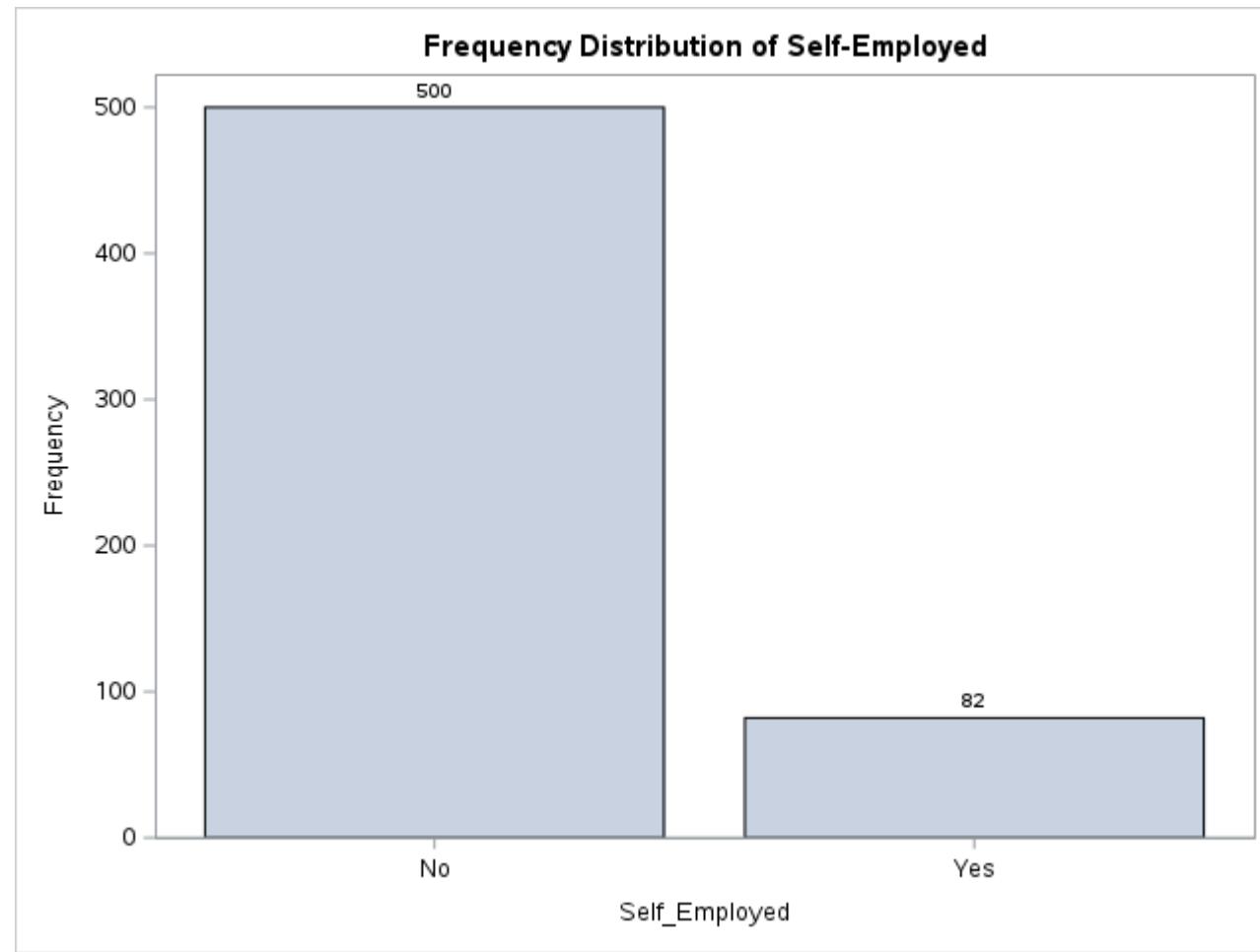
Loan_Status	Frequency	Percent	Cumulative Frequency	Cumulative Percent
N	192	31.27	192	31.27
Y	422	68.73	614	100.00

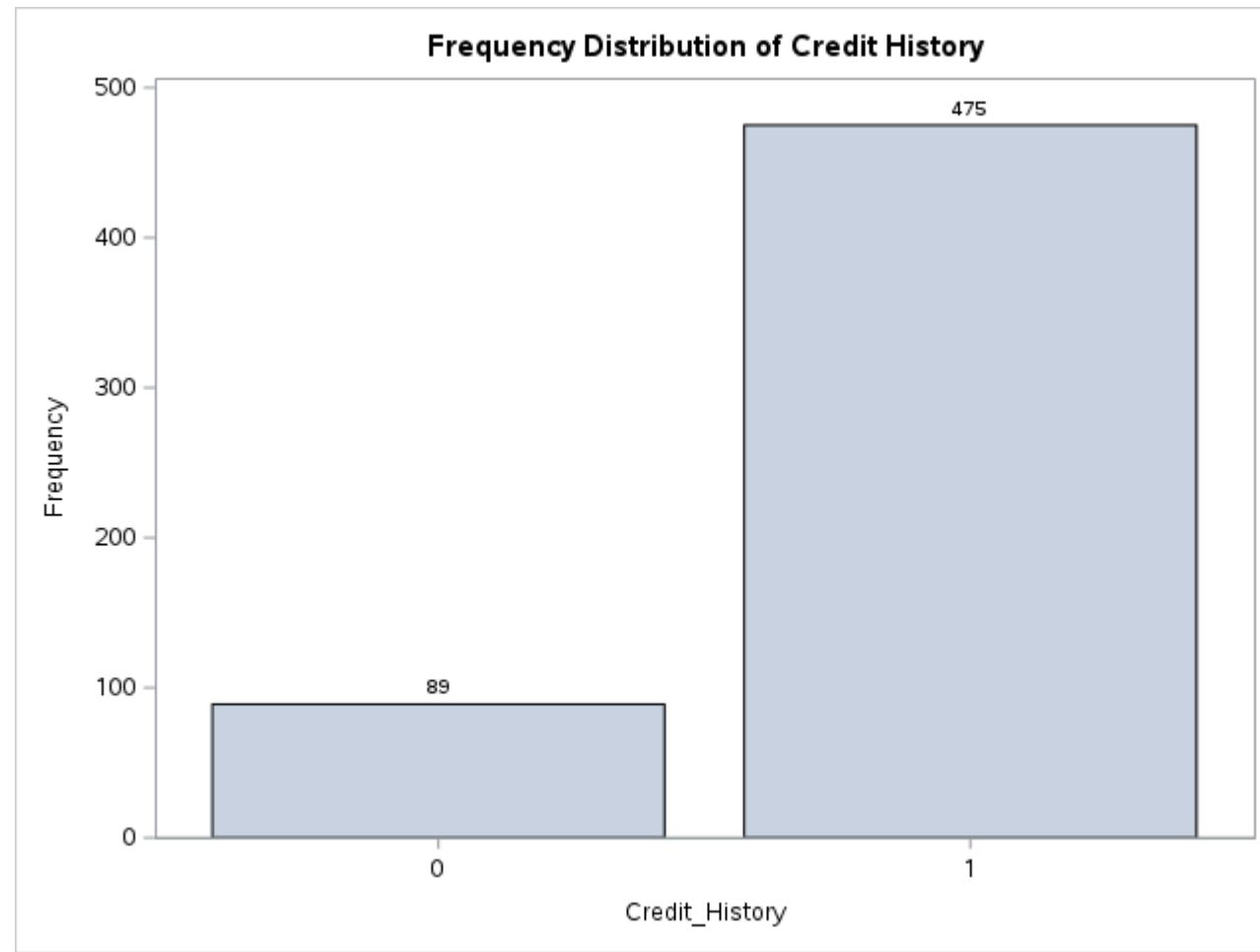


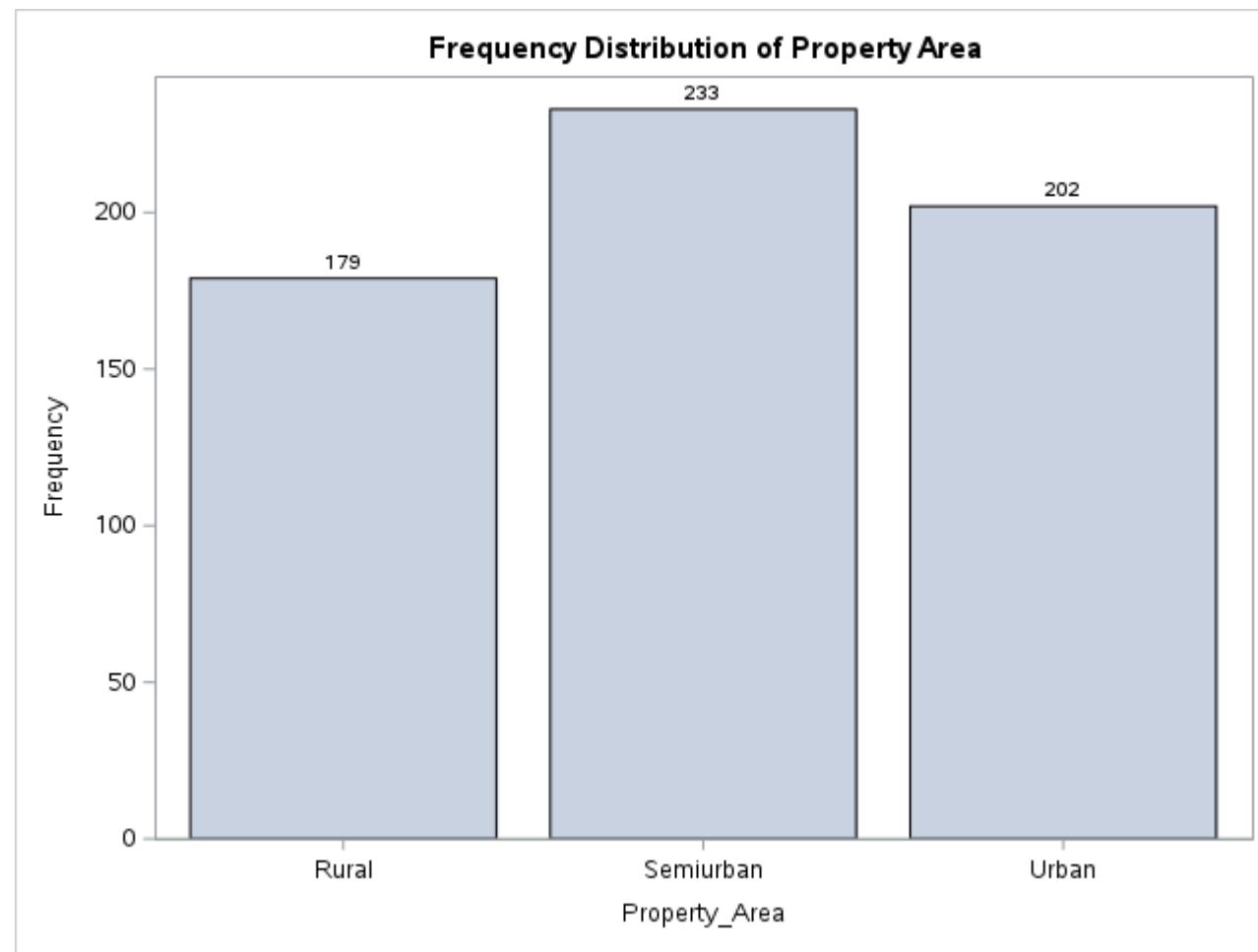


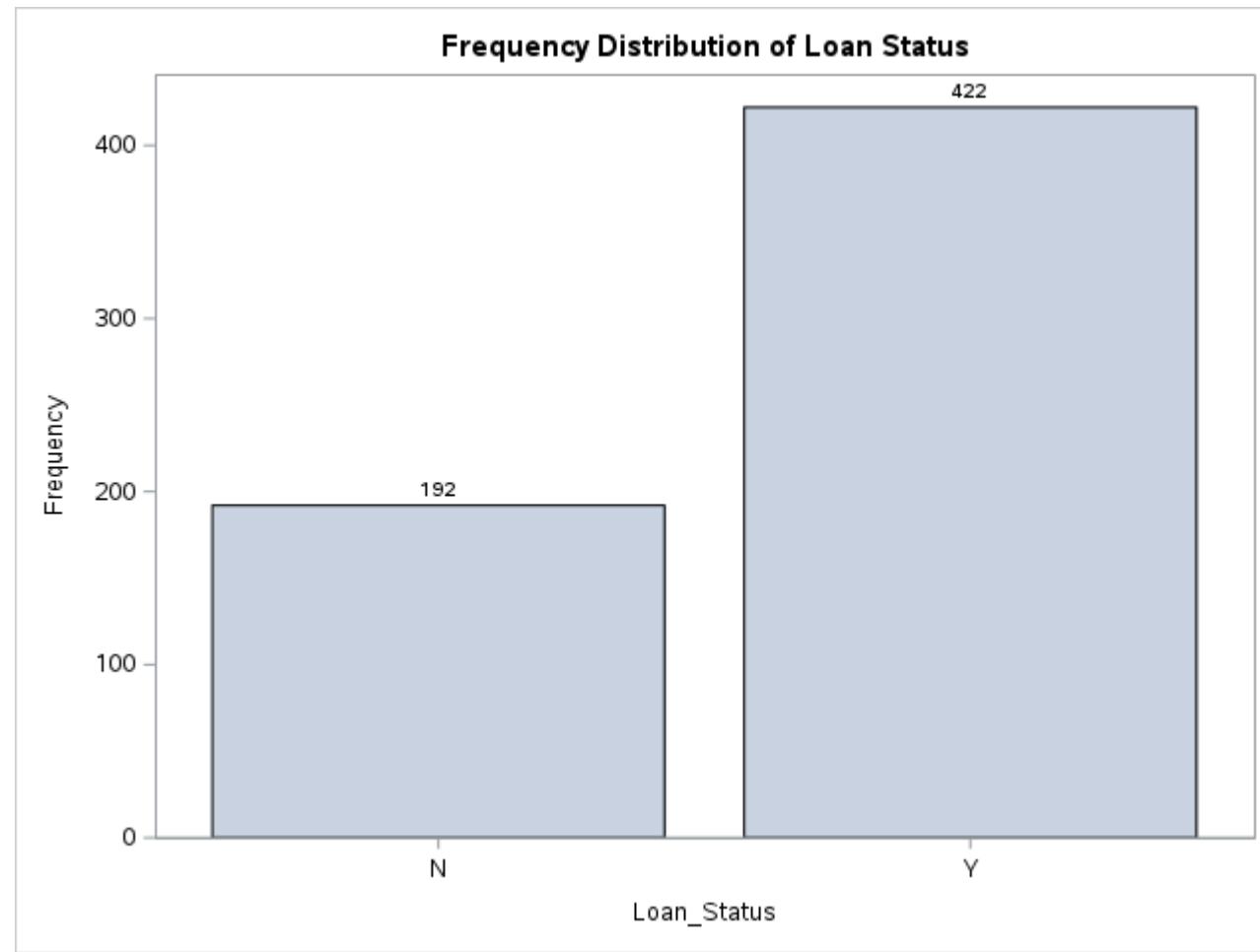


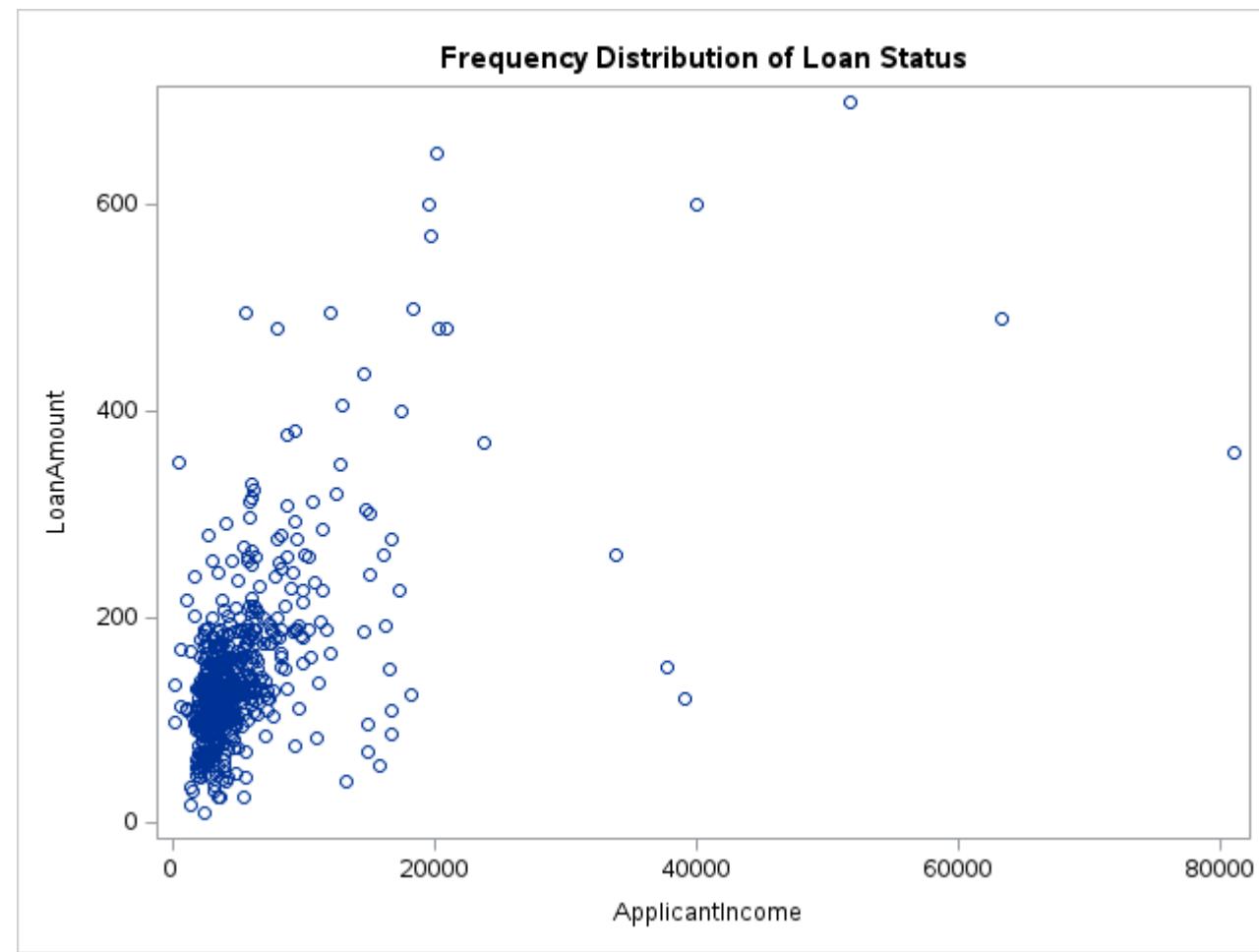


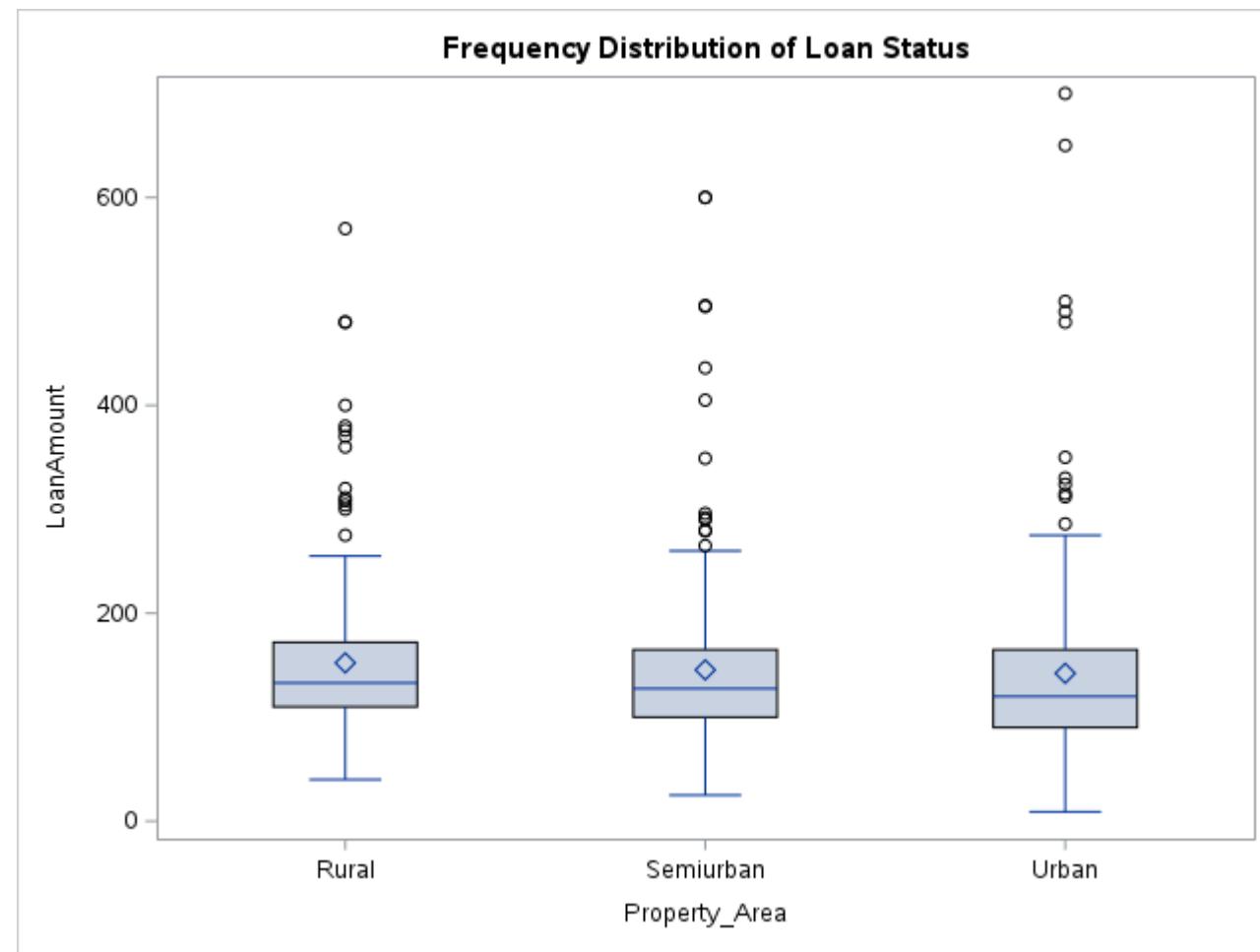








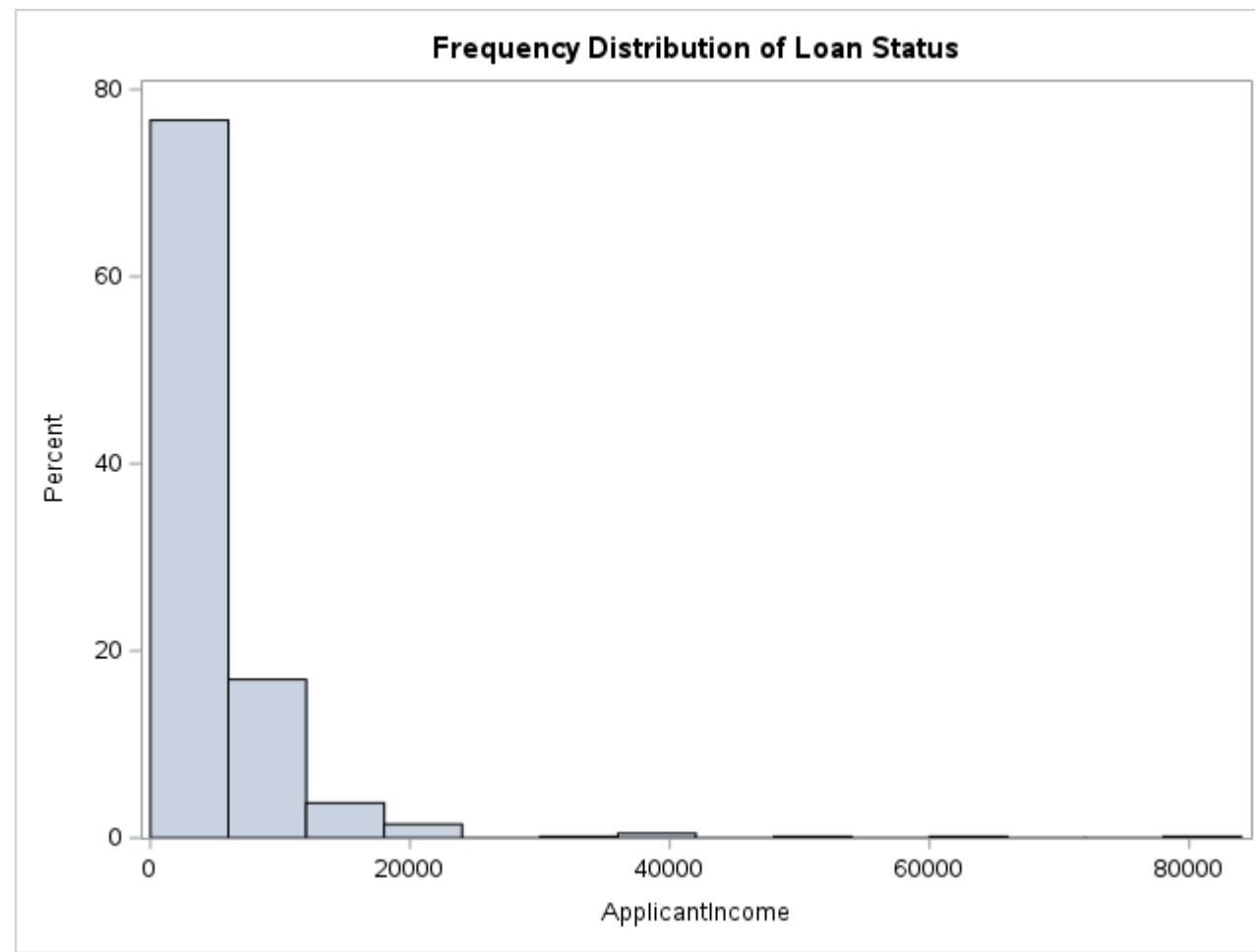


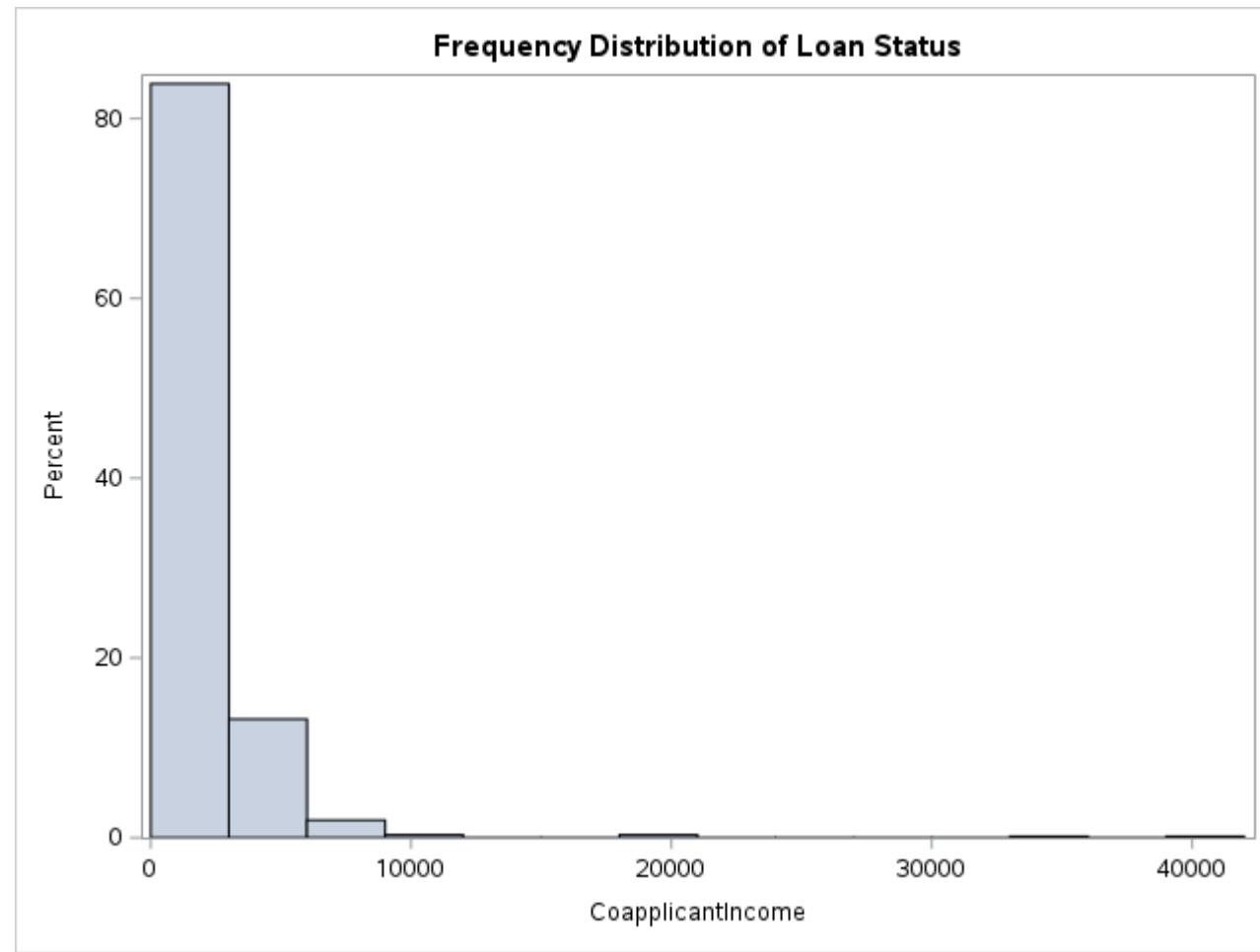


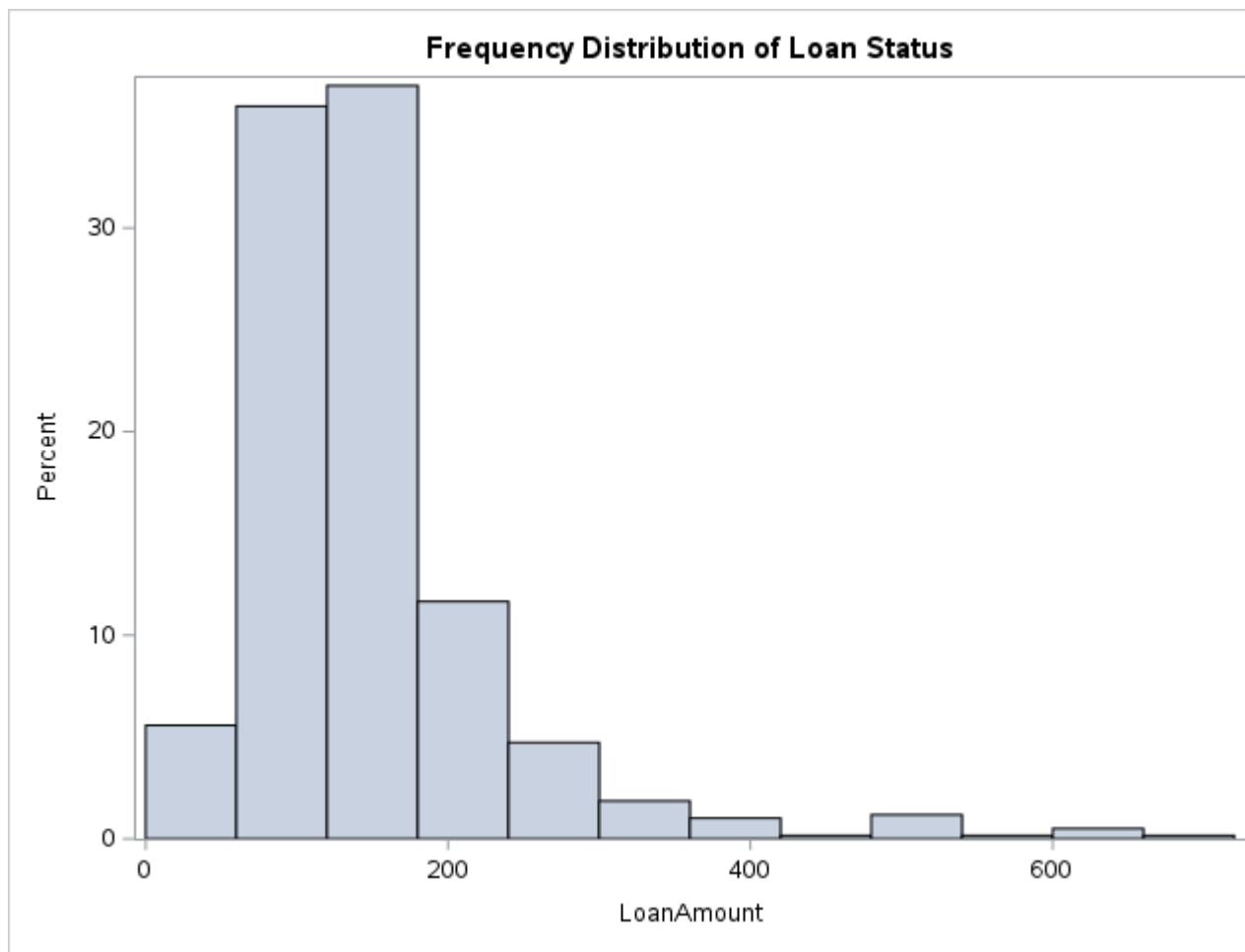
Frequency Distribution of Loan Status

The MEANS Procedure

Variable	N Miss
ApplicantIncome	0
CoapplicantIncome	0
LoanAmount	22
Loan_Amount_Term	14
Credit_History	50







Frequency Distribution of Loan Status

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Table of Gender by Married			
Gender	Married		
	No	Yes	Total
Female	80	31	111
	13.38	5.18	18.56
	72.07	27.93	
	38.10	7.99	
Male	130	357	487
	21.74	59.70	81.44

Table of Gender by Married			
Gender	Married		
	No	Yes	Total
26.69	73.31		
61.90	92.01		
Total	210	388	598
	35.12	64.88	100.00
Frequency Missing = 16			

Statistics for Table of Gender by Married

Statistic	DF	Value	Prob
Chi-Square	1	81.6946	<.0001
Likelihood Ratio Chi-Square	1	78.6180	<.0001
Continuity Adj. Chi-Square	1	79.7152	<.0001
Mantel-Haenszel Chi-Square	1	81.5580	<.0001
Phi Coefficient		0.3696	
Contingency Coefficient		0.3467	
Cramer's V		0.3696	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	80
Left-sided Pr <= F	1.0000
Right-sided Pr >= F	<.0001
Table Probability (P)	<.0001
Two-sided Pr <= P	<.0001

Sample Size = 598
 Frequency Missing = 16

Frequency Percent Row Pct Col Pct	Table of Education by Self_Employed			
	Education	Self_Employed		
		No	Yes	Total
Graduate	389 66.84 85.68 77.80	65 11.17 14.32 79.27		454 78.01
Not Graduate	111 19.07	17 2.92		128 21.99

Table of Education by Self_Employed			
Education	Self_Employed		
	No	Yes	Total
	86.72	13.28	
	22.20	20.73	
Total	500	82	582
	85.91	14.09	100.00
Frequency Missing = 32			

Statistics for Table of Education by Self_Employed

Statistic	DF	Value	Prob
Chi-Square	1	0.0885	0.7661
Likelihood Ratio Chi-Square	1	0.0896	0.7647
Continuity Adj. Chi-Square	1	0.0236	0.8778
Mantel-Haenszel Chi-Square	1	0.0884	0.7663
Phi Coefficient		-0.0123	
Contingency Coefficient		0.0123	
Cramer's V		-0.0123	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	389
Left-sided Pr <= F	0.4465
Right-sided Pr >= F	0.6646
Table Probability (P)	0.1112
Two-sided Pr <= P	0.8858

Sample Size = 582
 Frequency Missing = 32

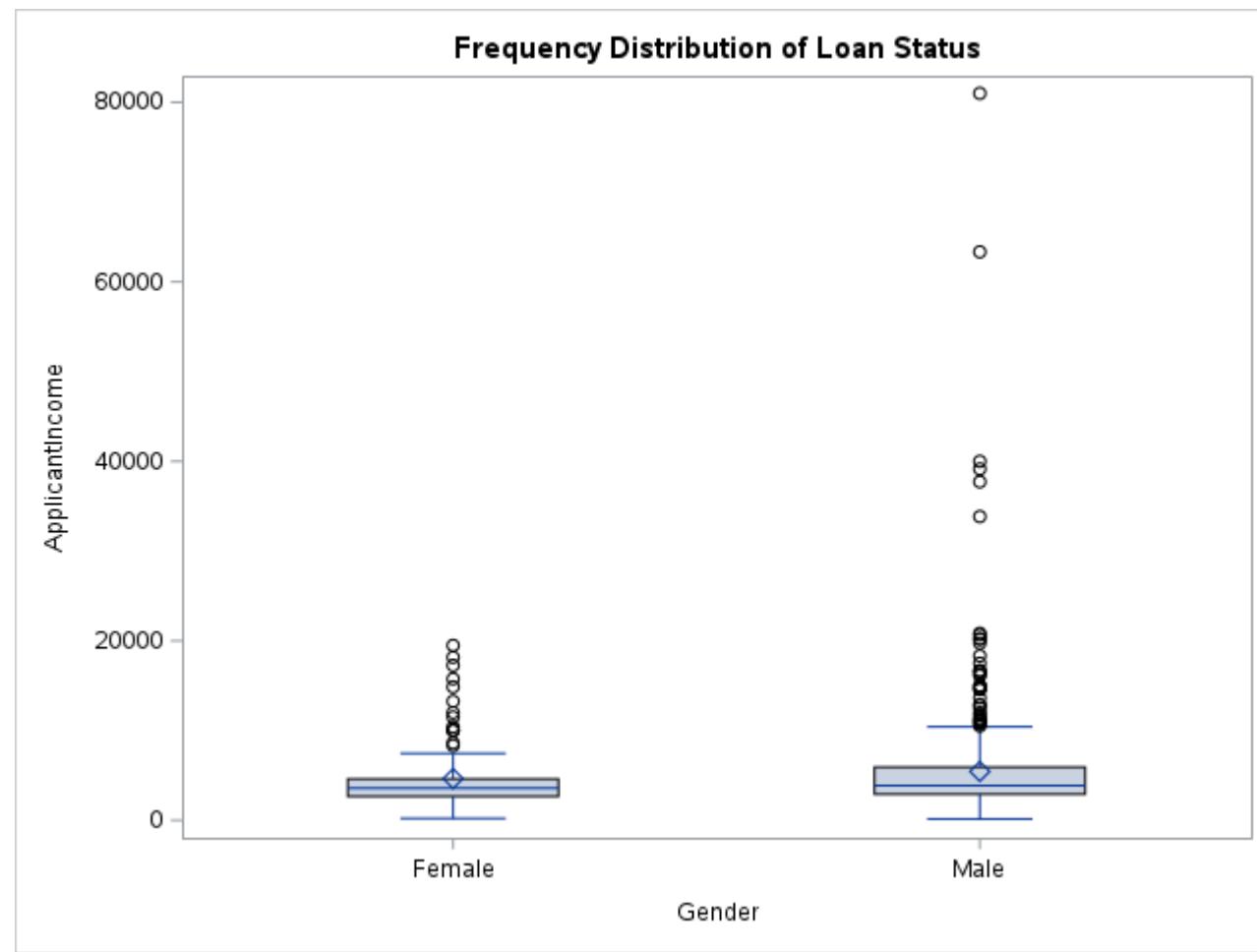
Frequency Percent Row Pct Col Pct	Table of Credit_History by Property_Area				
	Credit_History	Property_Area			
		Rural	Semiurban	Urban	Total
0	28	30	31	89	
	4.96	5.32	5.50	15.78	
	31.46	33.71	34.83		
	16.97	13.82	17.03		
1	137	187	151	475	
	24.29	33.16	26.77	84.22	

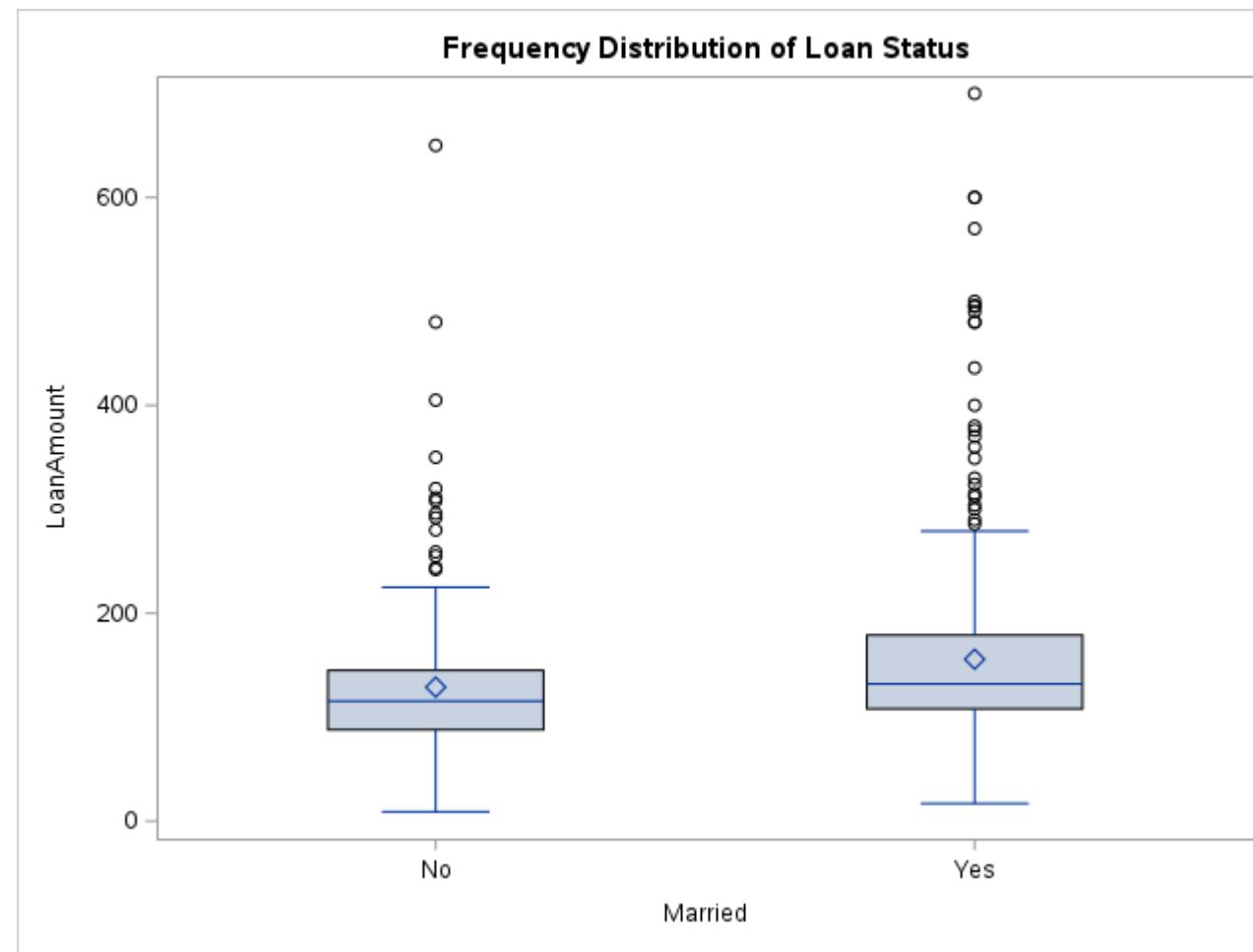
Table of Credit_History by Property_Area				
Credit_History	Property_Area			
	Rural	Semiurban	Urban	Total
28.84	39.37	31.79		
83.03	86.18	82.97		
Total	165 29.26	217 38.48	182 32.27	564 100.00
Frequency Missing = 50				

Statistics for Table of Credit_History by Property_Area

Statistic	DF	Value	Prob
Chi-Square	2	1.0149	0.6020
Likelihood Ratio Chi-Square	2	1.0294	0.5977
Mantel-Haenszel Chi-Square	1	0.0022	0.9627
Phi Coefficient		0.0424	
Contingency Coefficient		0.0424	
Cramer's V		0.0424	

Sample Size = 564
 Frequency Missing = 50





Frequency Distribution of Loan Status

The CORR Procedure

3 Variables:	ApplicantIncome	CoapplicantIncome	LoanAmount
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
ApplicantIncome	614	5403	6109	3317724	150.00000	81000
CoapplicantIncome	614	1621	2926	995445	0	41667

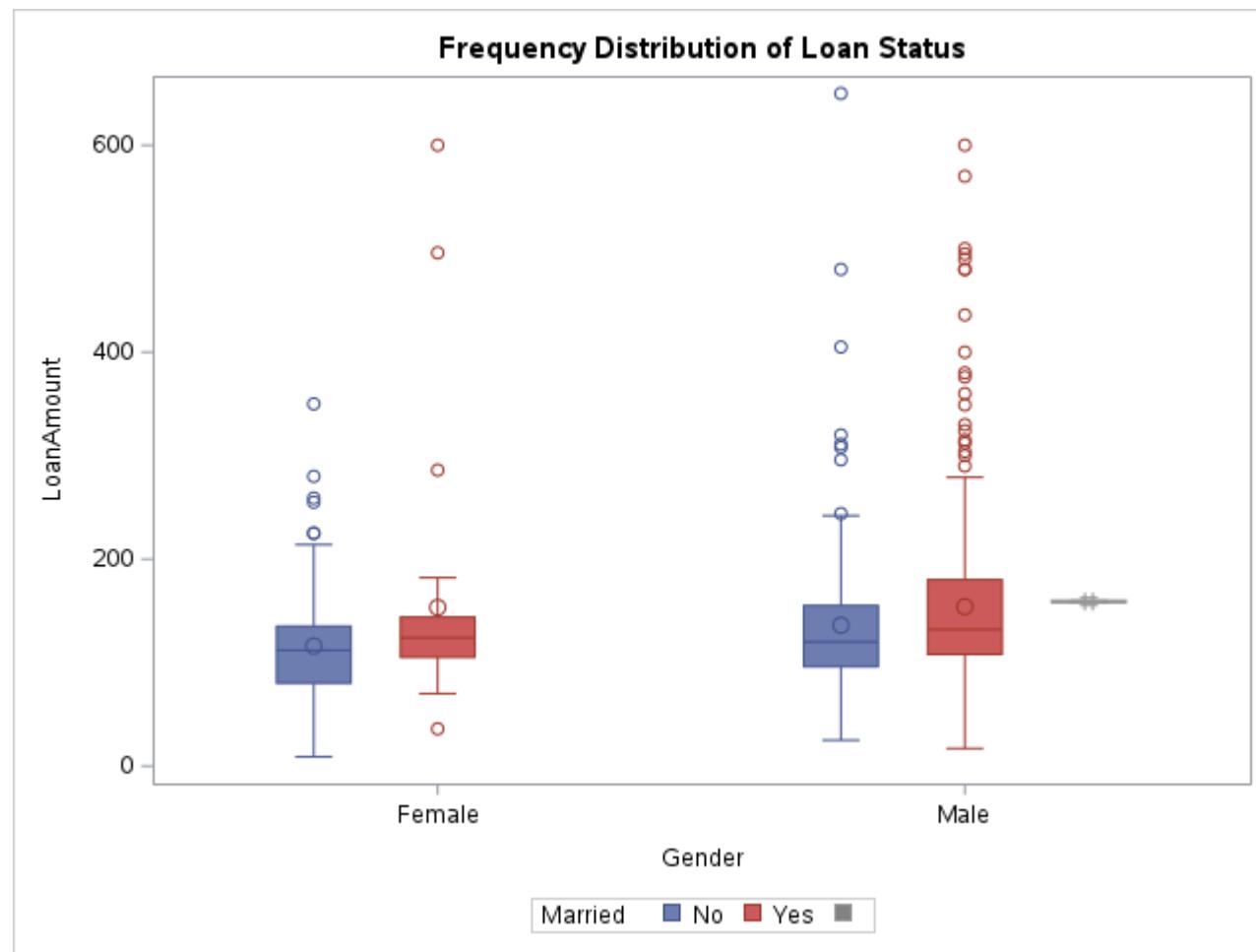
Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
LoanAmount	592	146.41216	85.58733	86676	9.00000	700.00000

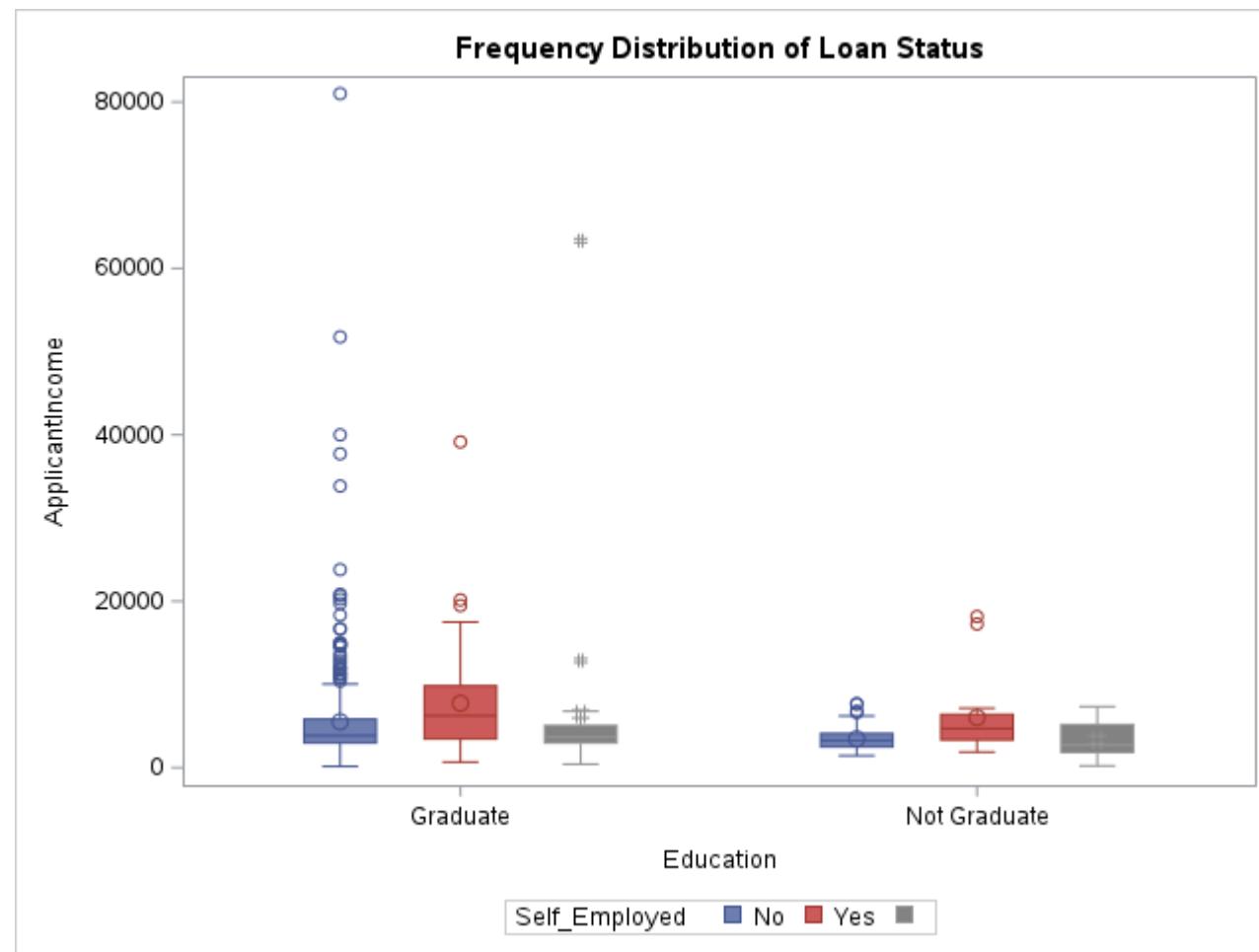
Pearson Correlation Coefficients Prob > r under H0: Rho=0 Number of Observations				
	ApplicantIncome	CoapplicantIncome	LoanAmount	
ApplicantIncome	1.00000 614	-0.11660 0.0038 614	0.57091 <.0001 592	
CoapplicantIncome	-0.11660 0.0038 614	1.00000 614	0.18862 <.0001 592	
LoanAmount	0.57091 <.0001 592	0.18862 <.0001 592	1.00000 592	

Frequency Distribution of Loan Status

The MEANS Procedure

Gender	Married	N Obs	Variable	N	Mean	Std Dev	Minimum	Maximum
Female	No	80	ApplicantIncome	80	4503.79	3333.16	416.0000000	18165.00
			CoapplicantIncome	80	1020.01	4777.02	0	41667.00
			LoanAmount	78	116.1153846	57.7810423	9.0000000	350.0000000
	Yes	31	ApplicantIncome	31	4829.65	4152.83	210.0000000	19484.00
			CoapplicantIncome	31	1370.84	1344.53	0	4486.00
			LoanAmount	31	153.3225806	114.1838830	36.0000000	600.0000000
Male	No	130	ApplicantIncome	130	5236.15	4379.17	1442.00	37719.00
			CoapplicantIncome	130	1529.43	3670.89	0	33837.00
			LoanAmount	125	136.0880000	81.7715165	25.0000000	650.0000000
	Yes	357	ApplicantIncome	357	5529.54	6743.21	150.0000000	81000.00
			CoapplicantIncome	357	1828.33	2096.37	0	20000.00
			LoanAmount	343	154.0116618	83.0252543	17.0000000	600.0000000





Frequency Distribution of Loan Status

The MEANS Procedure

Variable	N Miss
ApplicantIncome	0
CoapplicantIncome	0
LoanAmount	0
Loan_Amount_Term	0
Credit_History	0

Frequency Distribution of Loan Status

The FREQ Procedure

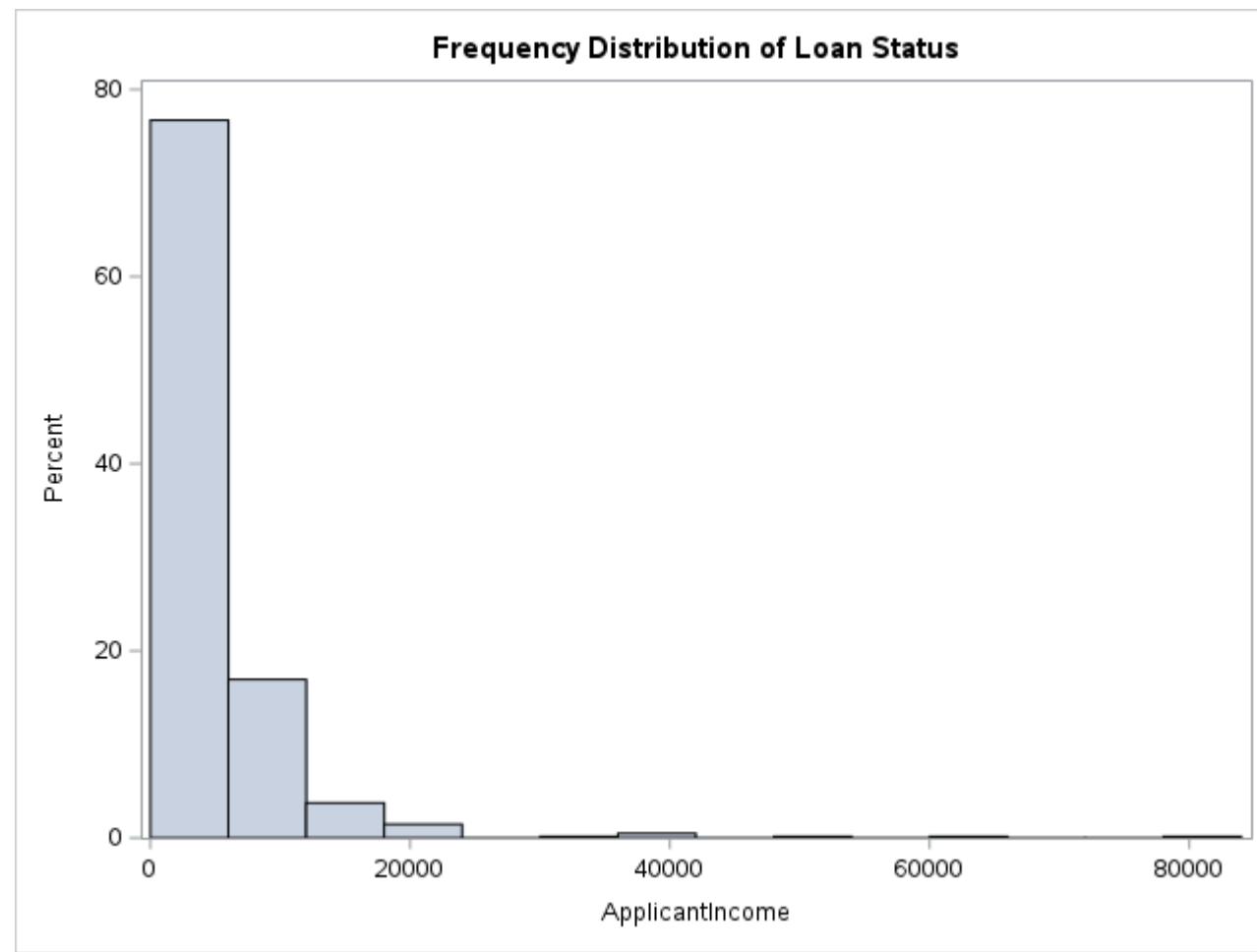
Gender	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Female	112	18.24	112	18.24
Male	502	81.76	614	100.00

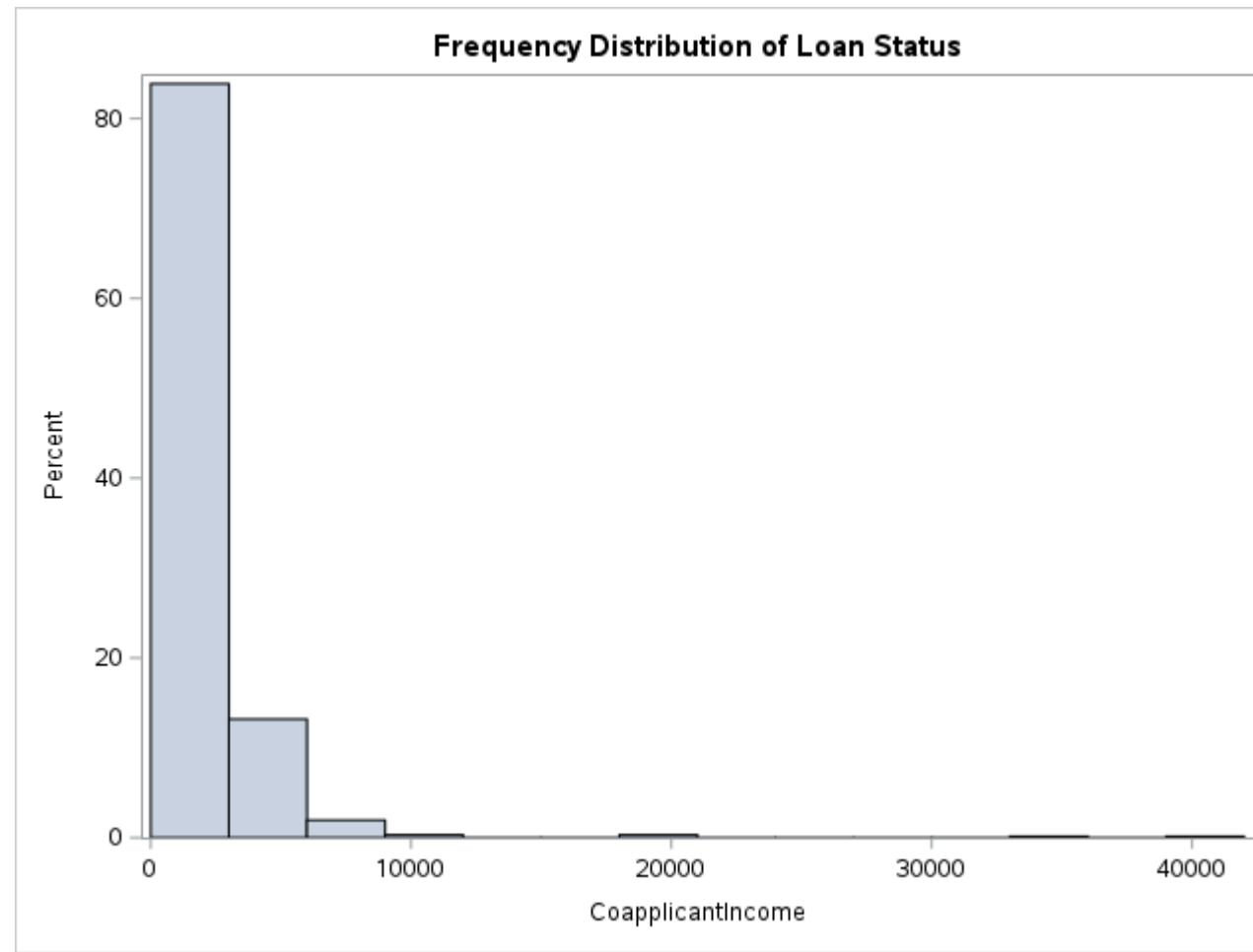
Married	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	213	34.69	213	34.69
Yes	401	65.31	614	100.00

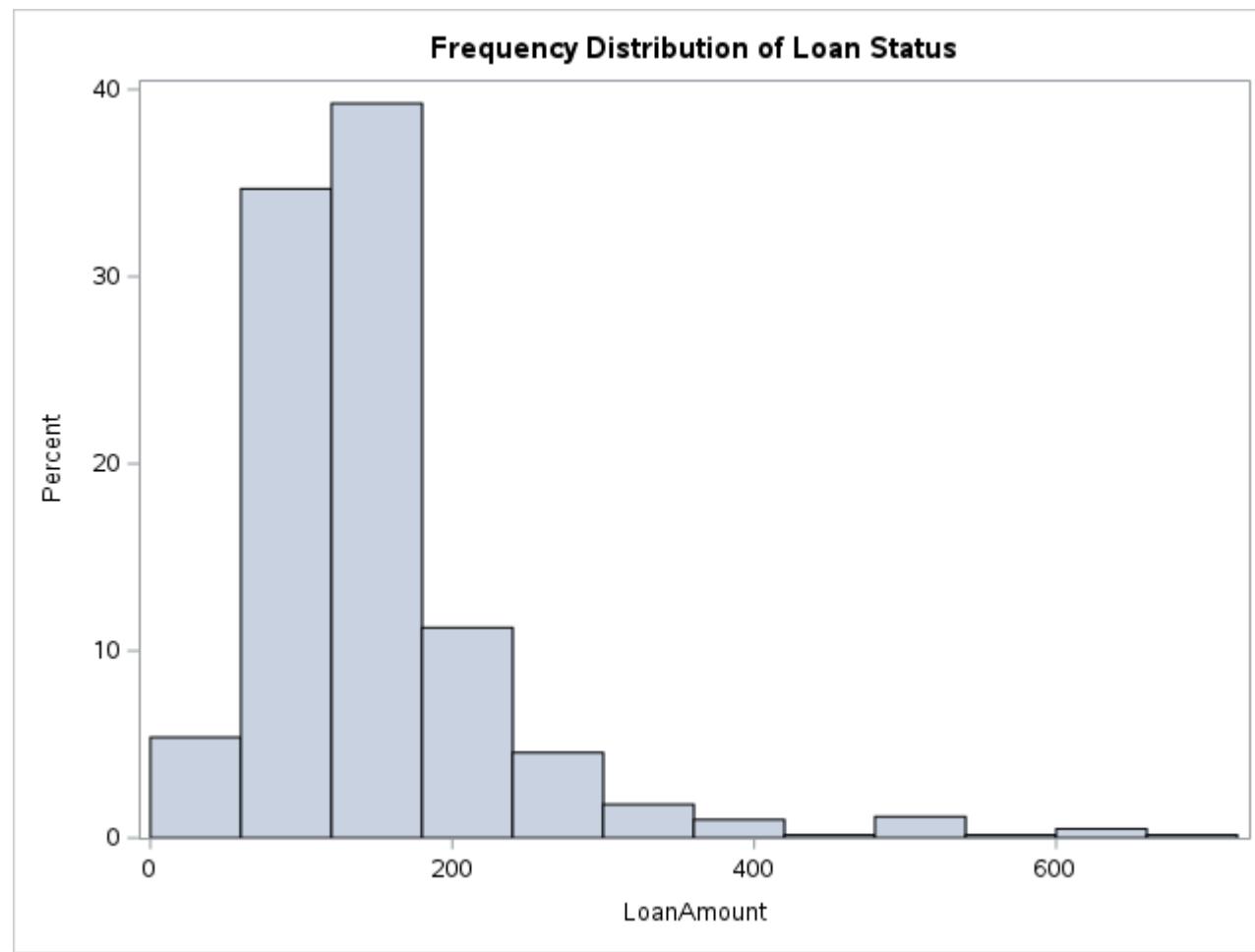
Dependents	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	360	58.63	360	58.63
1	102	16.61	462	75.24
2	101	16.45	563	91.69
3+	51	8.31	614	100.00

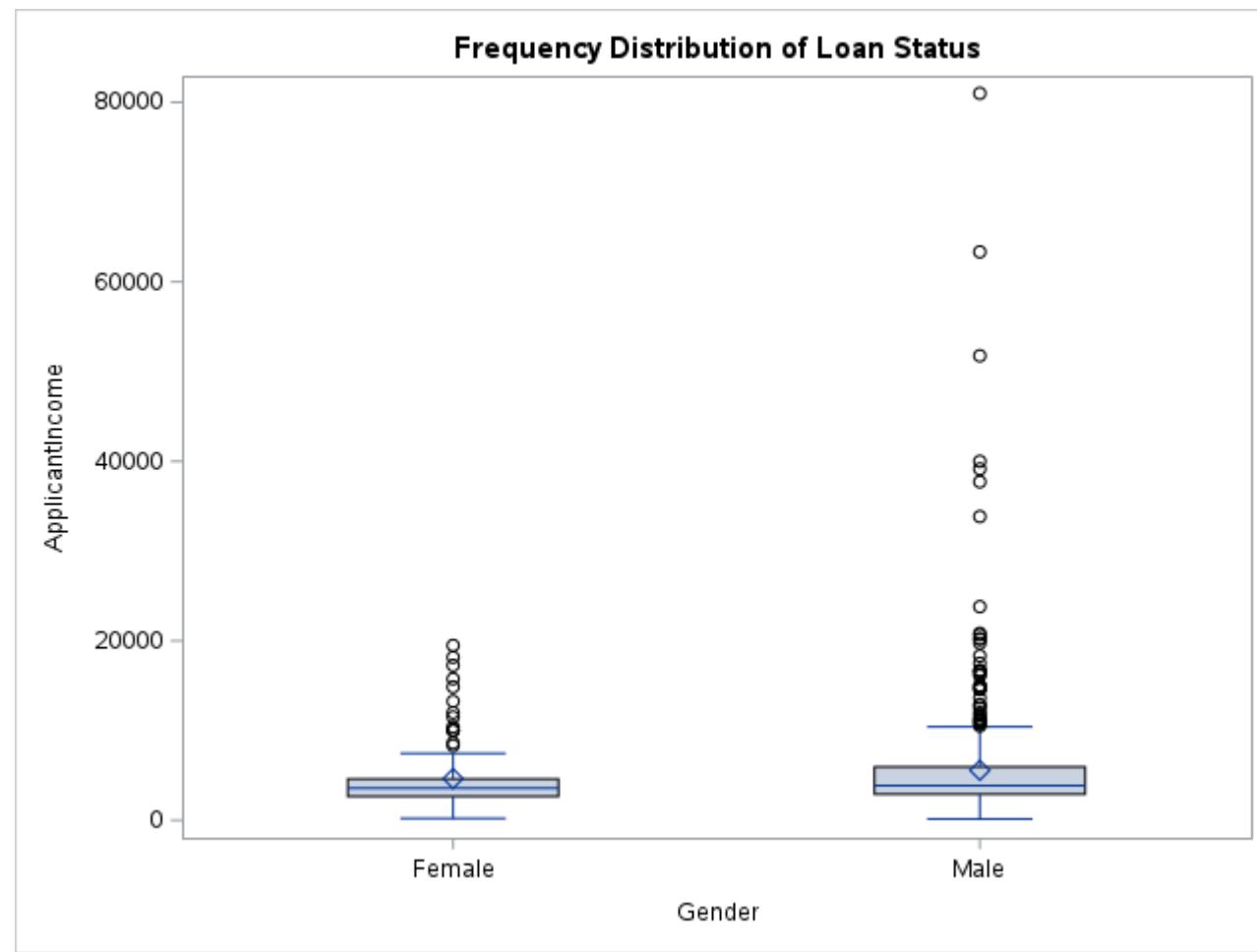
Self_Employed	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	532	86.64	532	86.64
Yes	82	13.36	614	100.00

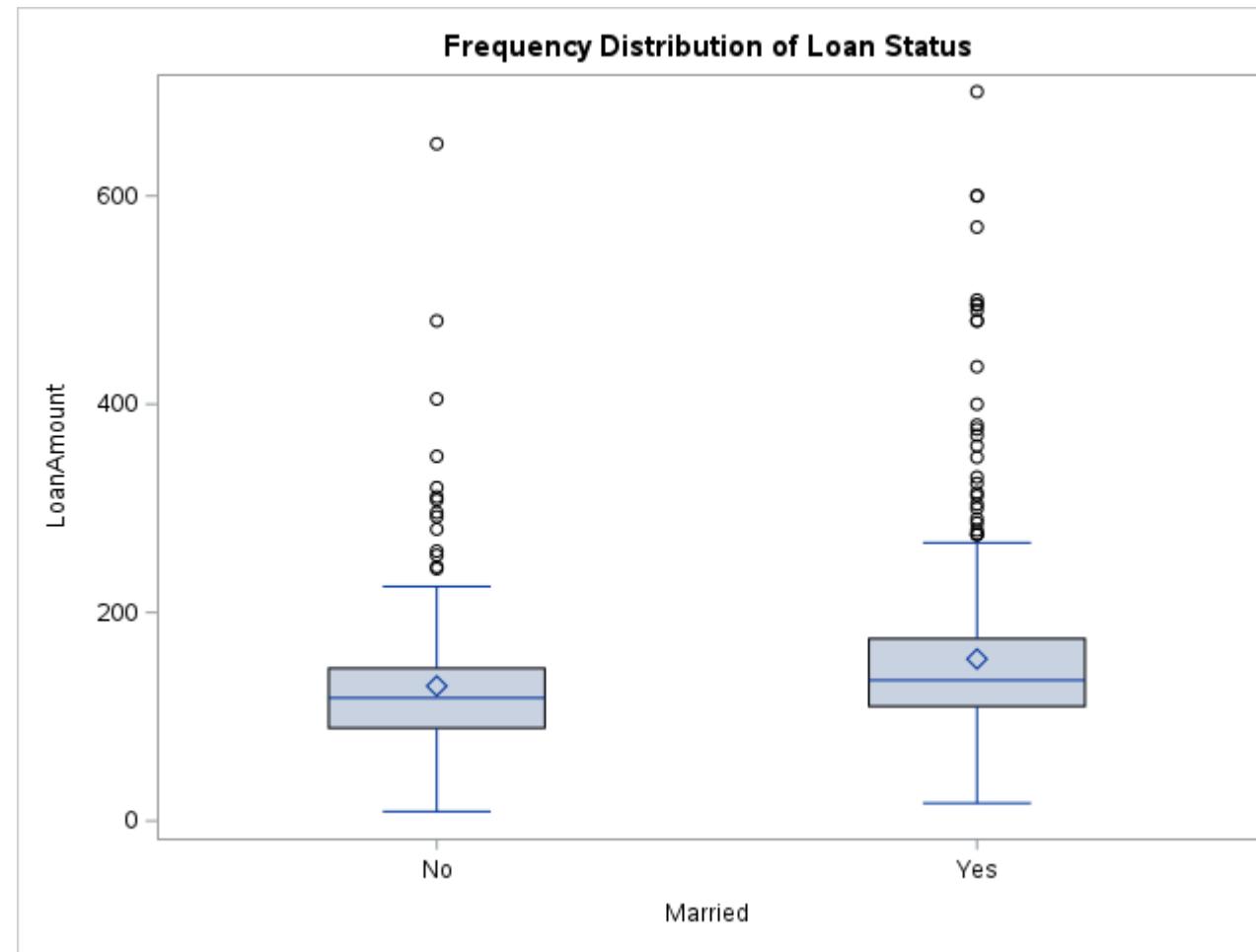
Credit_History	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	89	14.50	89	14.50
0.8421985816	50	8.14	139	22.64
1	475	77.36	614	100.00











Frequency Distribution of Loan Status

The CORR Procedure

3 Variables:	ApplicantIncome	CoapplicantIncome	LoanAmount
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
ApplicantIncome	614	5403	6109	3317724	150.00000	81000
CoapplicantIncome	614	1621	2926	995445	0	41667

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
LoanAmount	614	146.41216	84.03747	89897	9.00000	700.00000

Pearson Correlation Coefficients, N = 614 Prob > r under H0: Rho=0				
	ApplicantIncome	CoapplicantIncome	LoanAmount	
ApplicantIncome	1.00000	-0.11660 0.0038	0.56562 <.0001	
CoapplicantIncome	-0.11660 0.0038	1.00000	0.18783 <.0001	
LoanAmount	0.56562 <.0001	0.18783 <.0001	1.00000	

Frequency Distribution of Loan Status

The CORR Procedure

2 Variables:	ApplicantIncome	LoanAmount
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
ApplicantIncome	614	0.06498	0.07556	39.89640	0	1.00000
LoanAmount	614	0.19886	0.12162	122.09995	0	1.00000

Pearson Correlation Coefficients, N = 614 Prob > r under H0: Rho=0				
	ApplicantIncome	LoanAmount		
ApplicantIncome	1.00000	0.56562 <.0001		
LoanAmount	0.56562 <.0001	1.00000		

Frequency Distribution of Loan Status

The FREQ Procedure

Frequency
Percent
Row Pct

Col Pct

Credit_History	Loan_Status		
	N	Y	Total
	0	82 13.36 92.13 42.71	7 1.14 7.87 1.66
0.8421985816	13 2.12 26.00 6.77	37 6.03 74.00 8.77	50 8.14
1	97 15.80 20.42 50.52	378 61.56 79.58 89.57	475 77.36
Total	192 31.27	422 68.73	614 100.00

Statistics for Table of Credit_History by Loan_Status

Statistic	DF	Value	Prob
Chi-Square	2	180.0665	<.0001
Likelihood Ratio Chi-Square	2	175.6777	<.0001
Mantel-Haenszel Chi-Square	1	179.0708	<.0001
Phi Coefficient		0.5415	
Contingency Coefficient		0.4762	
Cramer's V		0.5415	

Sample Size = 614

Frequency Distribution of Loan Status

The FREQ Procedure

Frequency
Percent
Row Pct
Col Pct

Self_Employed	Loan_Status		
	N	Y	Total
	No	166 27.04 31.20 86.46	366 59.61 68.80 86.73
Yes	26	56	82

Table of Self_Employed by Loan_Status			
Self_Employed	Loan_Status		
	N	Y	Total
	4.23	9.12	13.36
	31.71	68.29	
	13.54	13.27	
Total	192	422	614
	31.27	68.73	100.00

Statistics for Table of Self_Employed by Loan_Status

Statistic	DF	Value	Prob
Chi-Square	1	0.0084	0.9269
Likelihood Ratio Chi-Square	1	0.0084	0.9270
Continuity Adj. Chi-Square	1	0.0000	1.0000
Mantel-Haenszel Chi-Square	1	0.0084	0.9270
Phi Coefficient		-0.0037	
Contingency Coefficient		0.0037	
Cramer's V		-0.0037	

Fisher's Exact Test	
Cell (1,1) Frequency (F)	166
Left-sided Pr <= P	0.5098
Right-sided Pr >= P	0.5912
Table Probability (P)	0.1010
Two-sided Pr <= P	1.0000

Sample Size = 614

Frequency Distribution of Loan Status

The MEANS Procedure

Analysis Variable : LoanAmount						
Married	N Obs	N	Mean	Std Dev	Minimum	Maximum
No	213	213	0.1743264	0.1059546	0	0.9276411

Analysis Variable : LoanAmount						
Married	N Obs	N	Mean	Std Dev	Minimum	Maximum
Yes	401	401	0.2118913	0.1273816	0.0115774	1.0000000

Frequency Distribution of Loan Status

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of Property_Area by Loan_Status			
	Property_Area	Loan_Status		
		N	Y	Total
	Rural	69 11.24 38.55 35.94	110 17.92 61.45 26.07	179 29.15
	Semiurban	54 8.79 23.18 28.13	179 29.15 76.82 42.42	233 37.95
	Urban	69 11.24 34.16 35.94	133 21.66 65.84 31.52	202 32.90
	Total	192 31.27	422 68.73	614 100.00

Statistics for Table of Property_Area by Loan_Status

Statistic	DF	Value	Prob
Chi-Square	2	12.2976	0.0021
Likelihood Ratio Chi-Square	2	12.5292	0.0019
Mantel-Haenszel Chi-Square	1	0.6321	0.4266
Phi Coefficient		0.1415	
Contingency Coefficient		0.1401	
Cramer's V		0.1415	

Sample Size = 614