

```
In [1]: #Name:-Kuldeep Ghorpade  
#Div:-B  
#Roll No.:-09  
#ExperimentN No. and Name:- (07) Visualisation in Julia using Plots
```

```
In [3]: using CSV  
using DataFrames  
train=CSV.read("loan.csv",DataFrame,normalizenames=true)
```

Out[3]: 614×13 DataFrame

Row	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Interest_Rate
	String15	String7?	String3?	String3?	String15	String3?	Int64	Floating	Int64	Int64	Floating
1	LP001002	Male	No	0	Graduate	No			5849		
2	LP001003	Male	Yes	1	Graduate	No			4583		
3	LP001005	Male	Yes	0	Graduate	Yes			3000		
4	LP001006	Male	Yes	0	Not Graduate	No			2583		
5	LP001008	Male	No	0	Graduate	No			6000		
6	LP001011	Male	Yes	2	Graduate	Yes			5417		
7	LP001013	Male	Yes	0	Not Graduate	No			2333		
8	LP001014	Male	Yes	3+	Graduate	No			3036		
9	LP001018	Male	Yes	2	Graduate	No			4006		
10	LP001020	Male	Yes	1	Graduate	No			12841		
11	LP001024	Male	Yes	2	Graduate	No			3200		
12	LP001027	Male	Yes	2	Graduate	missing			2500		
13	LP001028	Male	Yes	2	Graduate	No			3073		
:	:	:	:	:	:	:			:		:
603	LP002953	Male	Yes	3+	Graduate	No			5703		
604	LP002958	Male	No	0	Graduate	No			3676		
605	LP002959	Female	Yes	1	Graduate	No			12000		
606	LP002960	Male	Yes	0	Not Graduate	No			2400		
607	LP002961	Male	Yes	1	Graduate	No			3400		
608	LP002964	Male	Yes	2	Not Graduate	No			3987		
609	LP002974	Male	Yes	0	Graduate	No			3232		
610	LP002978	Female	No	0	Graduate	No			2900		
611	LP002979	Male	Yes	3+	Graduate	No			4106		
612	LP002983	Male	Yes	1	Graduate	No			8072		
613	LP002984	Male	Yes	2	Graduate	No			7583		
614	LP002990	Female	No	0	Graduate	Yes			4583		

In [4]: size(train)

```
Out[4]: (614, 13)
```

```
In [5]: names(train)
```

```
Out[5]: 13-element Vector[String]:  
  "Loan_ID"  
  "Gender"  
  "Married"  
  "Dependents"  
  "Education"  
  "Self_Employed"  
  "ApplicantIncome"  
  "CoapplicantIncome"  
  "LoanAmount"  
  "Loan_Amount_Term"  
  "Credit_History"  
  "Property_Area"  
  "Loan_Status"
```

```
In [6]: train[1:10,1:7]
```

```
Out[6]: 10×7 DataFrame
```

Row	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome
	String15	String7?	String3?	String3?	String15	String3?	Int64
1	LP001002	Male	No	0	Graduate	No	5849
2	LP001003	Male	Yes	1	Graduate	No	4583
3	LP001005	Male	Yes	0	Graduate	Yes	3000
4	LP001006	Male	Yes	0	Not Graduate	No	2583
5	LP001008	Male	No	0	Graduate	No	6000
6	LP001011	Male	Yes	2	Graduate	Yes	5417
7	LP001013	Male	Yes	0	Not Graduate	No	2333
8	LP001014	Male	Yes	3+	Graduate	No	3036
9	LP001018	Male	Yes	2	Graduate	No	4006
10	LP001020	Male	Yes	1	Graduate	No	12841

```
In [7]: train[1:10,8:13]
```

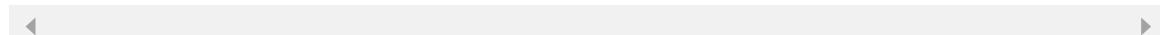
Out[7]: 10×6 DataFrame

Row	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Credit_History	Property_Area	Loan_S
	Float64	Int64?	Int64?	Int64?	String15	String1
1	0.0	missing		360	1 Urban	Y
2	1508.0	128		360	1 Rural	N
3	0.0	66		360	1 Urban	Y
4	2358.0	120		360	1 Urban	Y
5	0.0	141		360	1 Urban	Y
6	4196.0	267		360	1 Urban	Y
7	1516.0	95		360	1 Urban	Y
8	2504.0	158		360	0 Semiurban	N
9	1526.0	168		360	1 Urban	Y
10	10968.0	349		360	1 Semiurban	N

In [8]: `describe(train)`

Out[8]: 13×7 DataFrame

Row	variable	mean	min	median	max	nmissing	eltype
	Symbol	Union...	Any	Union...	Any	Int64	Type
1	Loan_ID		LP001002		LP002990	0	String15
2	Gender		Female		Male	13	Union{Missing, String7}
3	Married		No		Yes	3	Union{Missing, String3}
4	Dependents		0		3+	15	Union{Missing, String3}
5	Education		Graduate		Not Graduate	0	String15
6	Self_Employed		No		Yes	32	Union{Missing, String3}
7	ApplicantIncome	5403.46	150	3812.5	81000	0	Int64
8	CoapplicantIncome	1621.25	0.0	1188.5	41667.0	0	Float64
9	LoanAmount	146.412	9	128.0	700	22	Union{Missing, Int64}
10	Loan_Amount_Term	342.0	12	360.0	480	14	Union{Missing, Int64}
11	Credit_History	0.842199	0	1.0	1	50	Union{Missing, Int64}
12	Property_Area		Rural		Urban	0	String15
13	Loan_Status		N		Y	0	String1

In [9]: `using Pkg`In [10]: `Pkg.add("Plots")`

```
Updating registry at `C:\Users\kulde\.julia\registries\General.toml`  

Resolving package versions...  

No Changes to `C:\Users\kulde\.julia\environments\v1.8\Project.toml`  

No Changes to `C:\Users\kulde\.julia\environments\v1.8\Manifest.toml`
```

In [11]: `Pkg.add("PyPlot")`

```
Resolving package versions...
Installed PyPlot - v2.11.0
Installed PyCall - v1.94.1
Updating `C:\Users\kulde\.julia\environments\v1.8\Project.toml` [d330b81b] + PyPlot v2.11.0
Updating `C:\Users\kulde\.julia\environments\v1.8\Manifest.toml` [438e738f] + PyCall v1.94.1
[d330b81b] + PyPlot v2.11.0
Building PyCall → `C:\Users\kulde\.julia\scratchspaces\44cfe95a-1eb2-52ea-b672-e2afdf69b78f\53b8b07b721b77144a0fbbbc2675222ebf40a02d\build.log`
Precompiling project...
✓ PyCall
✓ PyPlot
2 dependencies successfully precompiled in 18 seconds. 180 already precompiled.
```

In [14]: `Pkg.add("StatsPlots")`

```
Resolving package versions...
No Changes to `C:\Users\kulde\.julia\environments\v1.8\Project.toml`
No Changes to `C:\Users\kulde\.julia\environments\v1.8\Manifest.toml`
```

In [15]: `using Plots`
`pyplot()`

```
[ Info: Installing matplotlib via the Conda matplotlib package...
└ @ PyCall C:\Users\kulde\.julia\packages\PyCall\ygXW2\src\PyCall.jl:719
[ Info: Running `conda install -y matplotlib` in root environment
└ @ Conda C:\Users\kulde\.julia\packages\Conda\x2UxR\src\Conda.jl:127
```

Collecting package metadata (current_repodata.json): ...working... done
 Solving environment: ...working... done

Package Plan

environment location: C:\Users\kulde\.julia\conda\3

added / updated specs:
 - matplotlib

The following packages will be downloaded:

package	build			
brotli-1.0.9	hcfcfb64_8	19 KB	conda-forge	
brotli-bin-1.0.9	hcfcfb64_8	22 KB	conda-forge	
contourpy-1.0.6	py310h232114e_0	175 KB	conda-forge	
cryptography-38.0.3	py310h52f42fa_0	1.1 MB	conda-forge	
cycler-0.11.0	pyhd8ed1ab_0	10 KB	conda-forge	
fonttools-4.38.0	py310h8d17308_1	1.7 MB	conda-forge	
freetype-2.12.1	h546665d_0	506 KB	conda-forge	
gettext-0.21.1	h5728263_0	5.3 MB	conda-forge	
glib-2.74.1	h12be248_1	499 KB	conda-forge	
glib-tools-2.74.1	h12be248_1	185 KB	conda-forge	
gst-plugins-base-1.21.2	h001b923_0	1.9 MB	conda-forge	
gstreamer-1.21.2	h6b5321d_0	1.8 MB	conda-forge	
icu-70.1	h0e60522_0	17.0 MB	conda-forge	
jpeg-9e	h8ffe710_2	366 KB	conda-forge	
kiwisolver-1.4.4	py310h232114e_1	58 KB	conda-forge	
krb5-1.19.3	h1176d77_0	847 KB	conda-forge	
lcms2-2.14	h90d422f_0	988 KB	conda-forge	
lerc-4.0.0	h63175ca_0	190 KB	conda-forge	
libbrotlicommon-1.0.9	hcfcfb64_8	67 KB	conda-forge	
libbrotlidec-1.0.9	hcfcfb64_8	34 KB	conda-forge	
libbrotlienc-1.0.9	hcfcfb64_8	724 KB	conda-forge	
libclang-15.0.5	default_h77d9078_0	144 KB	conda-forge	
libclang13-15.0.5	default_h77d9078_0	25.9 MB	conda-forge	
libdeflate-1.14	hcfcfb64_0	73 KB	conda-forge	
libglib-2.74.1	he8f3873_1	3.1 MB	conda-forge	
libiconv-1.17	h8ffe710_0	698 KB	conda-forge	
libogg-1.3.4	h8ffe710_1	34 KB	conda-forge	
libpng-1.6.38	h19919ed_0	773 KB	conda-forge	
libtiff-4.4.0	h8e97e67_4	1.1 MB	conda-forge	
libvorbis-1.3.7	h0e60522_0	267 KB	conda-forge	
libwebp-base-1.2.4	h8ffe710_0	328 KB	conda-forge	
libxcb-1.13	hcd874cb_1004	1.3 MB	conda-forge	
m2w64-gcc-libgfortran-5.3.0	6	342 KB	conda-forge	
m2w64-gcc-libs-5.3.0	7	520 KB	conda-forge	
m2w64-gcc-libs-core-5.3.0	7	214 KB	conda-forge	
m2w64-gmp-6.1.0	2	726 KB	conda-forge	
m2w64-libwinpthread-git-5.0.0.4634.697f757 onda-forge	2	31 KB	c	
matplotlib-3.6.2	py310h5588dad_0	8 KB	conda-forge	
matplotlib-base-3.6.2	py310h51140c5_0	7.5 MB	conda-forge	
msys2-conda-epoch-20160418	1	3 KB	conda-forge	

munkres-1.1.4	pyh9f0ad1d_0	12 KB	conda-forge
openjpeg-2.5.0	hc9384bd_1	256 KB	conda-forge
openssl-1.1.1s	hcfcfb64_0	5.9 MB	conda-forge
packaging-21.3	pyhd8ed1ab_0	36 KB	conda-forge
pcre2-10.40	h17e33f8_0	1.9 MB	conda-forge
pillow-9.2.0	py310hd4fb230_3	45.3 MB	conda-forge
ply-3.11	py_1	44 KB	conda-forge
pthread-stubs-0.4	hcd874cb_1001	6 KB	conda-forge
pyparsing-3.0.9	pyhd8ed1ab_0	79 KB	conda-forge
pyqt-5.15.7	py310h1fd54f2_2	4.7 MB	conda-forge
pyqt5-sip-12.11.0	py310h00ffb61_2	85 KB	conda-forge
python-3.10.7	h0269646_0_cpython	14.0 MB	conda-forge
python-dateutil-2.8.2	pyhd8ed1ab_0	240 KB	conda-forge
qt-main-5.15.6	h9c3277a_2	50.5 MB	conda-forge
sip-6.7.5	py310h00ffb61_0	476 KB	conda-forge
six-1.16.0	pyh6c4a22f_0	14 KB	conda-forge
toml-0.10.2	pyhd8ed1ab_0	18 KB	conda-forge
tornado-6.2	py310h8d17308_1	667 KB	conda-forge
unicodedata2-15.0.0	py310h8d17308_0	491 KB	conda-forge
xorg-libxau-1.0.9	hcd874cb_0	57 KB	conda-forge
xorg-libxdmcp-1.1.3	hcd874cb_0	66 KB	conda-forge
zstd-1.5.2	h7755175_4	401 KB	conda-forge

Total: 201.7 MB

The following NEW packages will be INSTALLED:

brotli	conda-forge/win-64::brotli-1.0.9-hcfcfb64_8	None
brotli-bin	conda-forge/win-64::brotli-bin-1.0.9-hcfcfb64_8	None
contourpy	conda-forge/win-64::contourpy-1.0.6-py310h232114e_0	None
cycler	conda-forge/noarch::cycler-0.11.0-pyhd8ed1ab_0	None
fonttools	conda-forge/win-64::fonttools-4.38.0-py310h8d17308_1	None
freetype	conda-forge/win-64::freetype-2.12.1-h546665d_0	None
gettext	conda-forge/win-64::gettext-0.21.1-h5728263_0	None
glib	conda-forge/win-64::glib-2.74.1-h12be248_1	None
glib-tools	conda-forge/win-64::glib-tools-2.74.1-h12be248_1	None
gst-plugins-base	conda-forge/win-64::gst-plugins-base-1.21.2-h001b923_0	None
gstreamer	conda-forge/win-64::gstreamer-1.21.2-h6b5321d_0	None
icu	conda-forge/win-64::icu-70.1-h0e60522_0	None
jpeg	conda-forge/win-64::jpeg-9e-h8ffe710_2	None
kiwisolver	conda-forge/win-64::kiwisolver-1.4.4-py310h232114e_1	None
krb5	conda-forge/win-64::krb5-1.19.3-h1176d77_0	None
lcms2	conda-forge/win-64::lcms2-2.14-h90d422f_0	None
lerc	conda-forge/win-64::lerc-4.0.0-h63175ca_0	None
libbrotlicommon	conda-forge/win-64::libbrotlicommon-1.0.9-hcfcfb64_8	None
libbrotlidec	conda-forge/win-64::libbrotlidec-1.0.9-hcfcfb64_8	None
libbrotlienc	conda-forge/win-64::libbrotlienc-1.0.9-hcfcfb64_8	None
libclang	conda-forge/win-64::libclang-15.0.5-default_h77d9078_0	None
libclang13	conda-forge/win-64::libclang13-15.0.5-default_h77d9078_0	None
libdeflate	conda-forge/win-64::libdeflate-1.14-hcfcfb64_0	None
libglib	conda-forge/win-64::libglib-2.74.1-he8f3873_1	None
libiconv	conda-forge/win-64::libiconv-1.17-h8ffe710_0	None
libogg	conda-forge/win-64::libogg-1.3.4-h8ffe710_1	None
libpng	conda-forge/win-64::libpng-1.6.38-h19919ed_0	None
libtiff	conda-forge/win-64::libtiff-4.4.0-h8e97e67_4	None
libvorbis	conda-forge/win-64::libvorbis-1.3.7-h0e60522_0	None

```

libwebp-base      conda-forge/win-64::libwebp-base-1.2.4-h8ffe710_0 None
libxcb           conda-forge/win-64::libxcb-1.13-hcd874cb_1004 None
m2w64-gcc-libgfor~  conda-forge/win-64::m2w64-gcc-libgfortran-5.3.0-6 None
m2w64-gcc-libs    conda-forge/win-64::m2w64-gcc-libs-5.3.0-7 None
m2w64-gcc-libs-co~  conda-forge/win-64::m2w64-gcc-libs-core-5.3.0-7 None
m2w64-gmp         conda-forge/win-64::m2w64-gmp-6.1.0-2 None
m2w64-libwinpthre~  conda-forge/win-64::m2w64-libwinpthread-git-5.0.0.4634.697f75
7-2 None
matplotlib        conda-forge/win-64::matplotlib-3.6.2-py310h5588dad_0 None
matplotlib-base   conda-forge/win-64::matplotlib-base-3.6.2-py310h51140c5_0 Non
e
msys2-conda-epoch  conda-forge/win-64::msys2-conda-epoch-20160418-1 None
munkres          conda-forge/noarch::munkres-1.1.4-pyh9f0ad1d_0 None
openjpeg          conda-forge/win-64::openjpeg-2.5.0-hc9384bd_1 None
packaging          conda-forge/noarch::packaging-21.3-pyhd8ed1ab_0 None
pcre2              conda-forge/win-64::pcre2-10.40-h17e33f8_0 None
pillow             conda-forge/win-64::pillow-9.2.0-py310hd4fb230_3 None
ply                conda-forge/noarch::ply-3.11-py_1 None
pthread-stubs     conda-forge/win-64::pthread-stubs-0.4-hcd874cb_1001 None
pyparsing          conda-forge/noarch::pyparsing-3.0.9-pyhd8ed1ab_0 None
pyqt               conda-forge/win-64::pyqt-5.15.7-py310h1fd54f2_2 None
pyqt5-sip         conda-forge/win-64::pyqt5-sip-12.11.0-py310h00ffb61_2 None
python-dateutil   conda-forge/noarch::python-dateutil-2.8.2-pyhd8ed1ab_0 None
qt-main            conda-forge/win-64::qt-main-5.15.6-h9c3277a_2 None
sip                conda-forge/win-64::sip-6.7.5-py310h00ffb61_0 None
six                conda-forge/noarch::six-1.16.0-pyh6c4a22f_0 None
toml               conda-forge/noarch::toml-0.10.2-pyhd8ed1ab_0 None
tornado            conda-forge/win-64::tornado-6.2-py310h8d17308_1 None
unicodedata2       conda-forge/win-64::unicodedata2-15.0.0-py310h8d17308_0 None
xorg-libxau        conda-forge/win-64::xorg-libxau-1.0.9-hcd874cb_0 None
xorg-libxdmcp     conda-forge/win-64::xorg-libxdmcp-1.1.3-hcd874cb_0 None
zstd               conda-forge/win-64::zstd-1.5.2-h7755175_4 None

```

The following packages will be UPDATED:

python	3.10.6-hcf16a7b_0_cpython --> 3.10.7-h0269646_0
cpython	None

The following packages will be DOWNGRADED:

cryptography	38.0.3-py310h6e82f81_0 --> 38.0.3-py310h52f42
fa_0	None
openssl	3.0.7-hcfcfb64_0 --> 1.1.1s-hcfcfb64_0
None	

Downloading and Extracting Packages

six-1.16.0	14 KB	#####	100%
libdeflate-1.14	73 KB	#####	100%
openjpeg-2.5.0	256 KB	#####	100%
gst-plugins-base-1.2	1.9 MB	#####	100%
libbrotlidec-1.0.9	34 KB	#####	100%
qt-main-5.15.6	50.5 MB	#####	100%
sip-6.7.5	476 KB	#####	100%
gettext-0.21.1	5.3 MB	#####	100%

icu-70.1	17.0 MB	#####	100%
krb5-1.19.3	847 KB	#####	100%
jpeg-9e	366 KB	#####	100%
libvorbis-1.3.7	267 KB	#####	100%
brotli-1.0.9	19 KB	#####	100%
ply-3.11	44 KB	#####	100%
pillow-9.2.0	45.3 MB	#####	100%
brotli-bin-1.0.9	22 KB	#####	100%
freetype-2.12.1	506 KB	#####	100%
matplotlib-base-3.6.	7.5 MB	#####	100%
cycler-0.11.0	10 KB	#####	100%
m2w64-gcc-libs-5.3.0	520 KB	#####	100%
pcre2-10.40	1.9 MB	#####	100%
lcms2-2.14	988 KB	#####	100%
openssl-1.1.1s	5.9 MB	#####	100%
zstd-1.5.2	401 KB	#####	100%
gstreamer-1.21.2	1.8 MB	#####	100%
libiconv-1.17	698 KB	#####	100%
libglib-2.74.1	3.1 MB	#####	100%
pyqt-5.15.7	4.7 MB	#####	100%
m2w64-gcc-libs-core-	214 KB	#####	100%
m2w64-gmp-6.1.0	726 KB	#####	100%
pyparsing-3.0.9	79 KB	#####	100%
munkres-1.1.4	12 KB	#####	100%
lerc-4.0.0	190 KB	#####	100%
python-3.10.7	14.0 MB	#####	100%
kiwisolver-1.4.4	58 KB	#####	100%
libpng-1.6.38	773 KB	#####	100%
libbrotlicommon-1.0.	67 KB	#####	100%
libwebp-base-1.2.4	328 KB	#####	100%
glib-2.74.1	499 KB	#####	100%
tornado-6.2	667 KB	#####	100%
python-dateutil-2.8.	240 KB	#####	100%
fonttools-4.38.0	1.7 MB	#####	100%
m2w64-gcc-libgfortra	342 KB	#####	100%
msys2-conda-epoch-20	3 KB	#####	100%
libbrotlienc-1.0.9	724 KB	#####	100%
libtiff-4.4.0	1.1 MB	#####	100%
matplotlib-3.6.2	8 KB	#####	100%
unicodedata2-15.0.0	491 KB	#####	100%
packaging-21.3	36 KB	#####	100%
m2w64-libwinpthread-	31 KB	#####	100%
xorg-libxau-1.0.9	57 KB	#####	100%
glib-tools-2.74.1	185 KB	#####	100%
libxcb-1.13	1.3 MB	#####	100%
cryptography-38.0.3	1.1 MB	#####	100%
libclang-15.0.5	144 KB	#####	100%
contourpy-1.0.6	175 KB	#####	100%
pthread-stubs-0.4	6 KB	#####	100%
pyqt5-sip-12.11.0	85 KB	#####	100%
toml-0.10.2	18 KB	#####	100%
libogg-1.3.4	34 KB	#####	100%
libclang13-15.0.5	25.9 MB	#####	100%
xorg-libxdmcp-1.1.3	66 KB	#####	100%

Preparing transaction: ...working... done

Verifying transaction: ...working... done

```
Executing transaction: ...working... done  
Retrieving notices: ...working... done
```

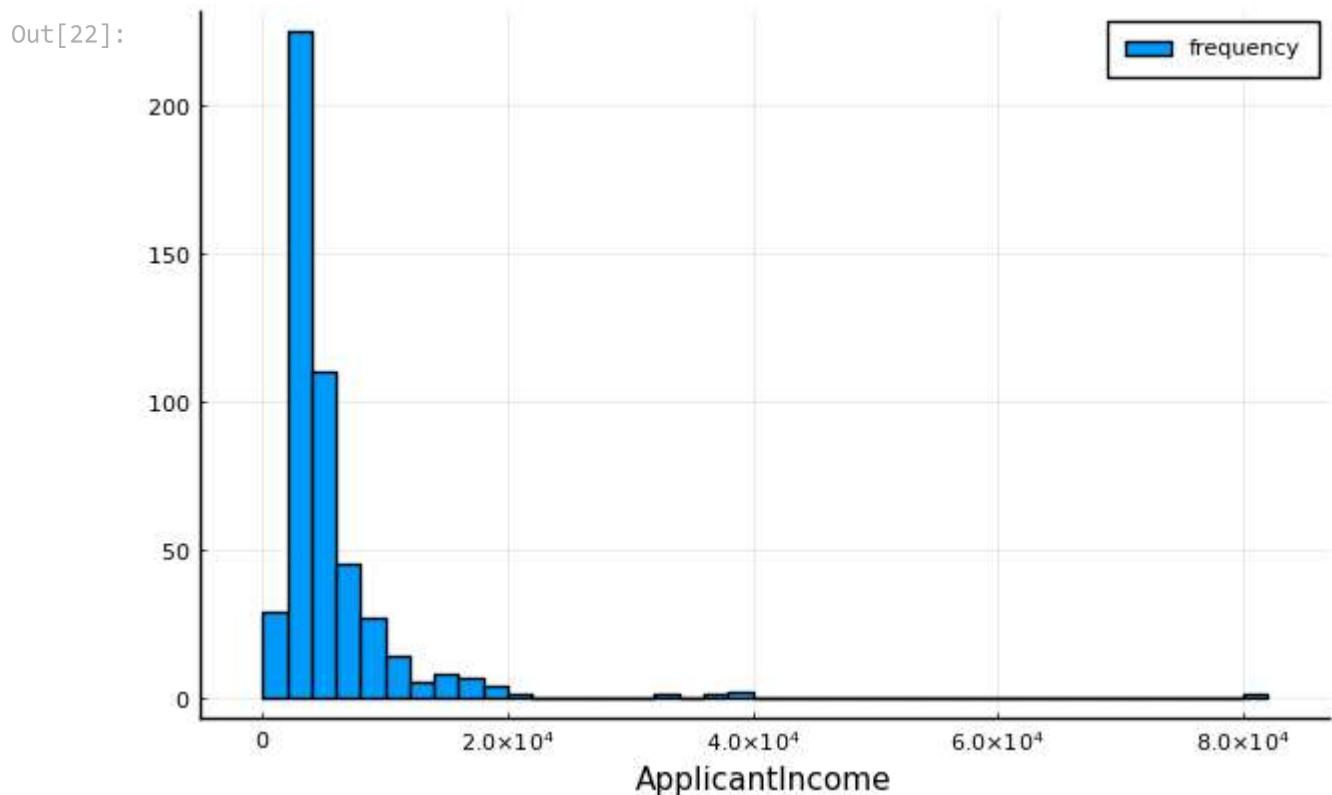
```
Out[15]: Plots.PyPlotBackend()
```

```
In [16]: train=dropmissing(train)
```

Out[16]: 480×13 DataFrame

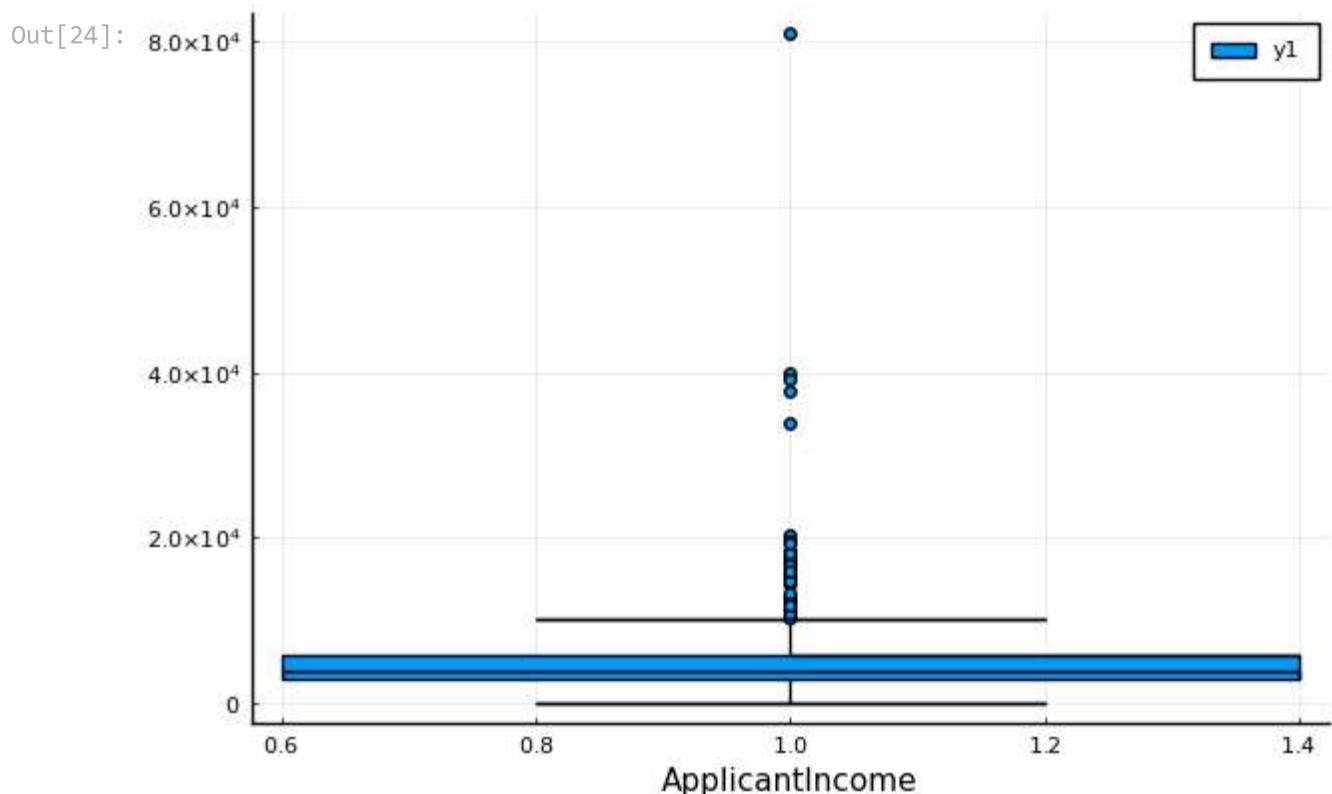
Row	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term	Interest_Rate
	String15	String7	String3	String3	String15	String3	Int64	Float64	Int64	Int64	Float64
1	LP001003	Male	Yes	1	Graduate	No			4583		
2	LP001005	Male	Yes	0	Graduate	Yes			3000		
3	LP001006	Male	Yes	0	Not Graduate	No			2583		
4	LP001008	Male	No	0	Graduate	No			6000		
5	LP001011	Male	Yes	2	Graduate	Yes			5417		
6	LP001013	Male	Yes	0	Not Graduate	No			2333		
7	LP001014	Male	Yes	3+	Graduate	No			3036		
8	LP001018	Male	Yes	2	Graduate	No			4006		
9	LP001020	Male	Yes	1	Graduate	No			12841		
10	LP001024	Male	Yes	2	Graduate	No			3200		
11	LP001028	Male	Yes	2	Graduate	No			3073		
12	LP001029	Male	No	0	Graduate	No			1853		
13	LP001030	Male	Yes	2	Graduate	No			1299		
:	:	:	:	:	:	:	:	:	:		:
469	LP002948	Male	Yes	2	Graduate	No			5780		
470	LP002953	Male	Yes	3+	Graduate	No			5703		
471	LP002958	Male	No	0	Graduate	No			3676		
472	LP002959	Female	Yes	1	Graduate	No			12000		
473	LP002961	Male	Yes	1	Graduate	No			3400		
474	LP002964	Male	Yes	2	Not Graduate	No			3987		
475	LP002974	Male	Yes	0	Graduate	No			3232		
476	LP002978	Female	No	0	Graduate	No			2900		
477	LP002979	Male	Yes	3+	Graduate	No			4106		
478	LP002983	Male	Yes	1	Graduate	No			8072		
479	LP002984	Male	Yes	2	Graduate	No			7583		
480	LP002990	Female	No	0	Graduate	Yes			4583		

In [22]: Plots.histogram(train[!, "ApplicantIncome"], bins=50, xlabel="ApplicantIncome", labels=

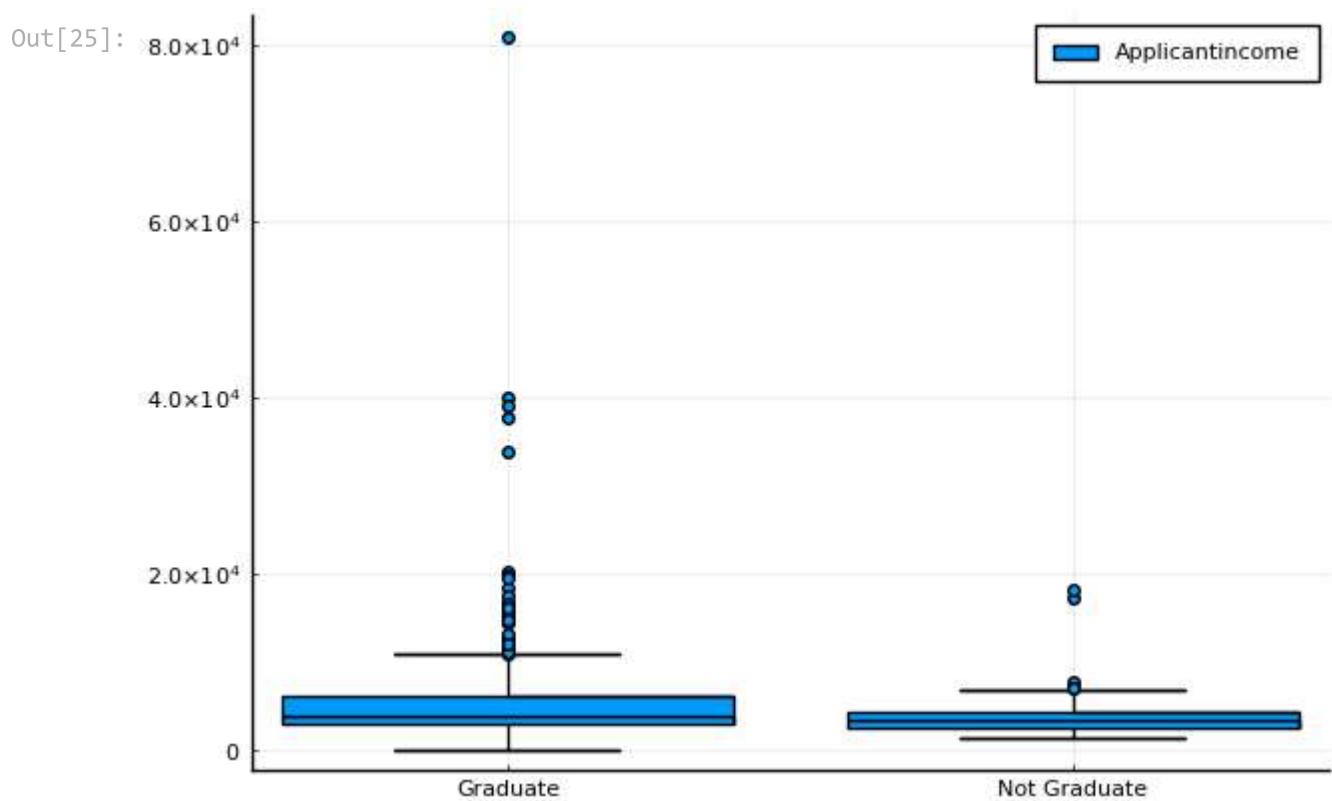


```
sys:1: UserWarning: No data for colormapping provided via 'c'. Parameters 'vmin',  
'vmax' will be ignored
```

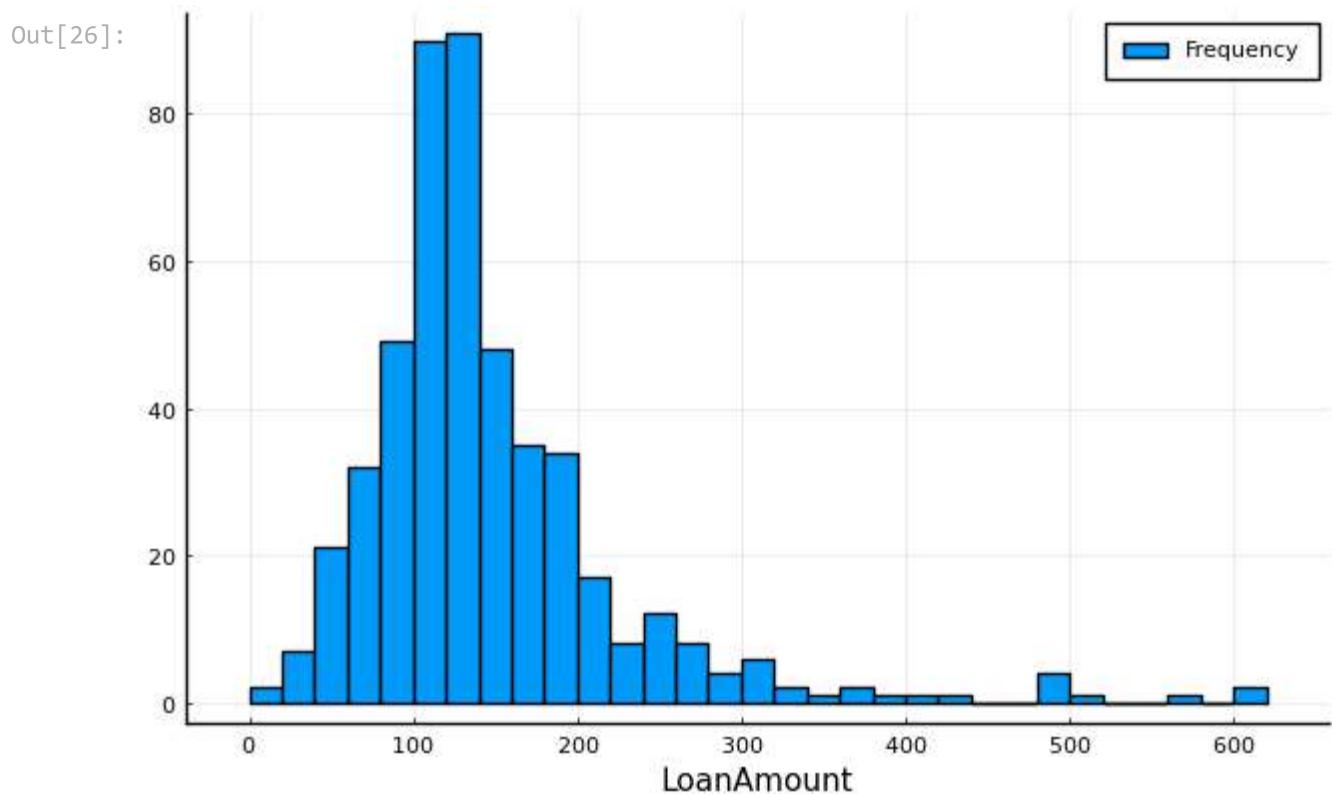
In [24]: `using StatsPlots
StatsPlots.boxplot(train[!, "ApplicantIncome"], xlabel="ApplicantIncome")`



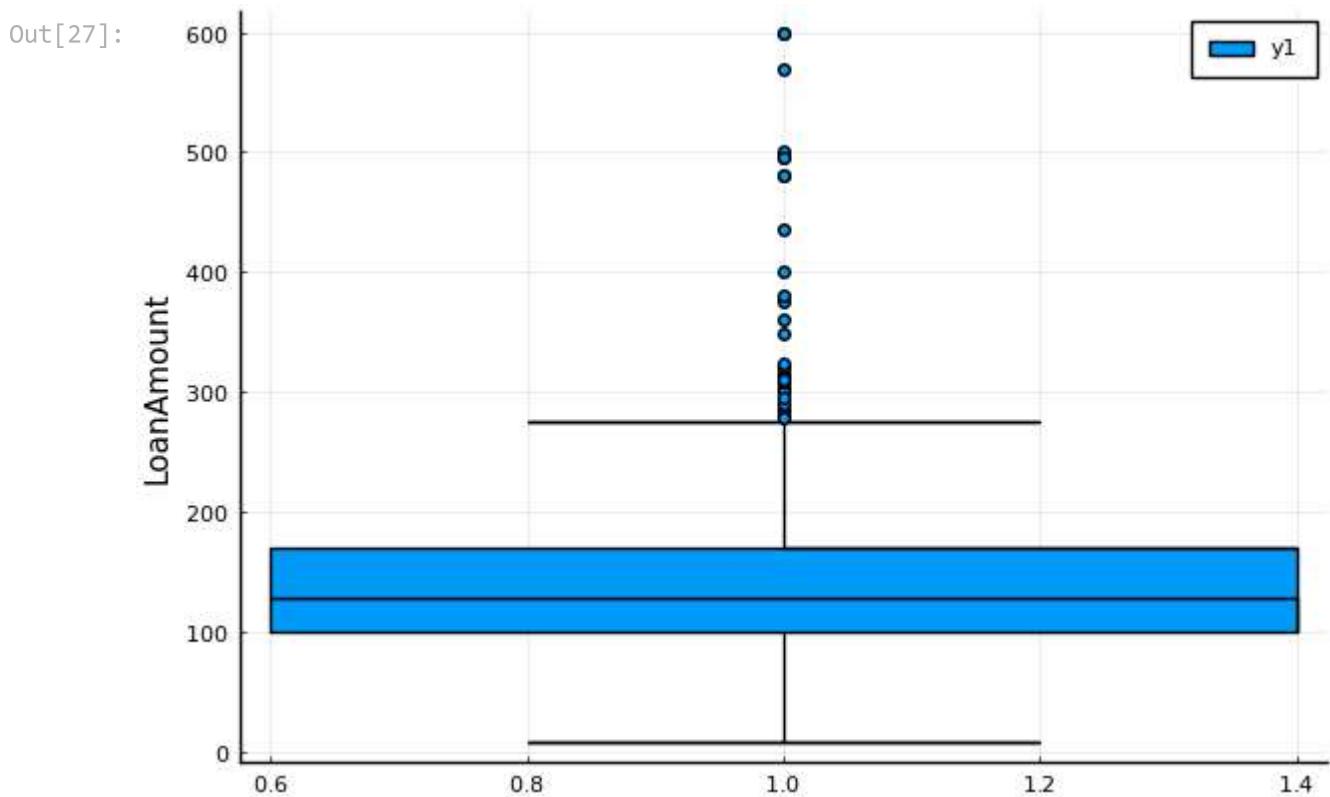
In [25]: `StatsPlots.boxplot(train[!, "Education"], train[!, "ApplicantIncome"], labels="ApplicantIncome")`



In [26]: `Plots.histogram(train[!,"LoanAmount"], bins=50, xlabel="LoanAmount", labels="Frequency")`

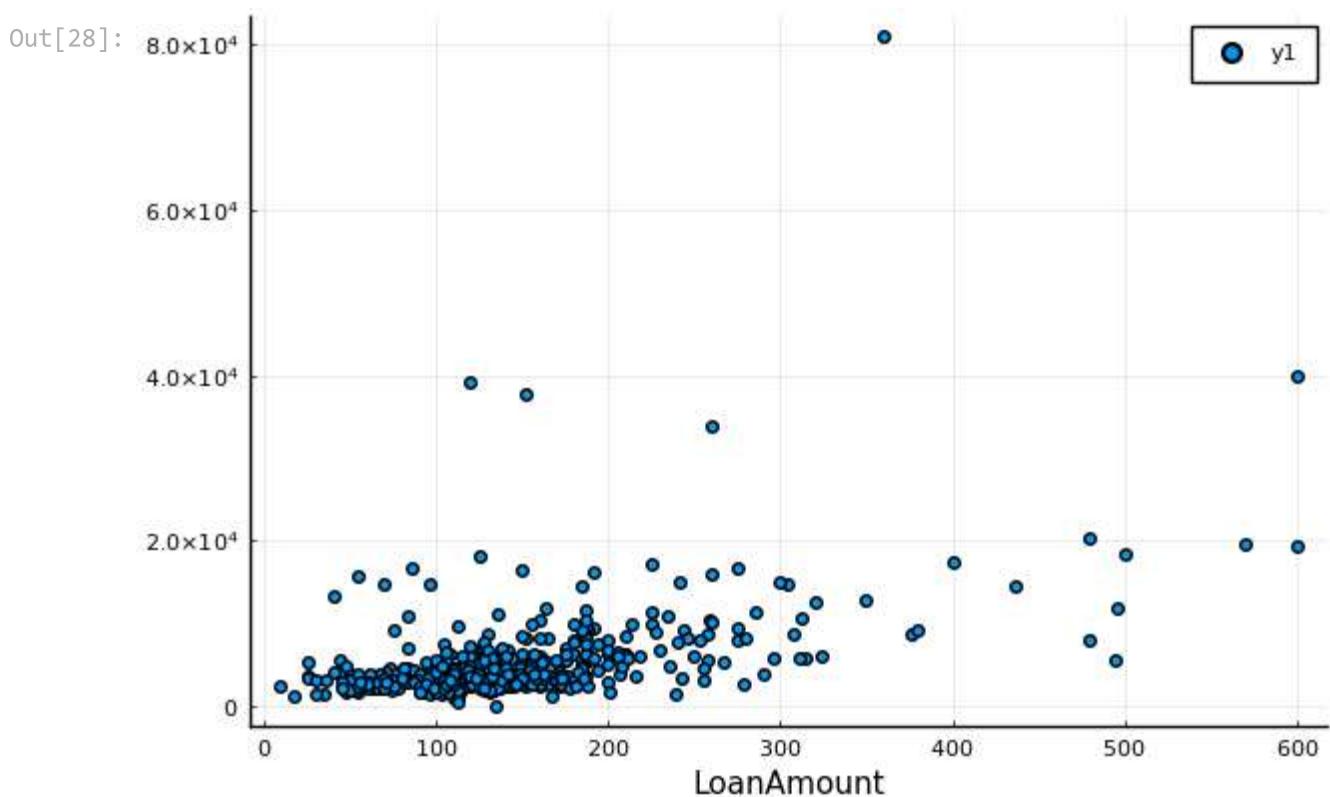


In [27]: `using StatsPlots
StatsPlots.boxplot(train[!,"LoanAmount"], ylabel="LoanAmount")`



In [28]:

```
using StatsPlots
StatsPlots.scatter(train[!, "LoanAmount"], train[!, "ApplicantIncome"], xlabel="LoanAm
```



In []: