

1 !pip install autoviz

Downloading autoviz-0.0.84-py3-none-any.whl (44 KB)

44 kB 1.2 MB/s

Requirement already satisfied: matplotlib in /usr/local/lib/python3.7/dist-packages (from autoviz) (3.2.2)  
Requirement already satisfied: seaborn in /usr/local/lib/python3.7/dist-packages (from autoviz) (0.11.2)  
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Requirement already satisfied: pyparsing!=2.0.4,!>=2.1.2,!>=2.1.6,>=2.0.1 in /usr/local/lib/python3.7/dist-packages (from matplotlib->autoviz)  
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Requirement already satisfied: scipy>=0.17.0 in /usr/local/lib/python3.7/dist-packages (from scikit-learn->autoviz) (1.4.1)  
Requirement already satisfied: joblib>=0.11 in /usr/local/lib/python3.7/dist-packages (from scikit-learn->autoviz) (1.0.1)  
Requirement already satisfied: patsy>=0.4.0 in /usr/local/lib/python3.7/dist-packages (from statsmodels->autoviz) (0.5.1)  
Installing collected packages: autoviz  
Successfully installed autoviz-0.0.84

```
1 #importing Autoviz class
2 from autoviz.AutoViz_Class import AutoViz_Class#Instantiate the AutoViz class
3 AV = AutoViz_Class()
```

Imported AutoViz\_Class version: 0.0.84. Call using:

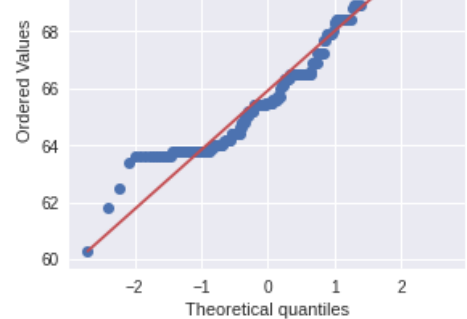
```
AV = AutoViz_Class()
```

```
AV.AutoViz(filename, sep=',', depVar="", dfte=None, header=0, verbose=0,  
            lowess=False, chart_format='svg', max_rows_analyzed=150000, max_cols_analyzed=30)
```

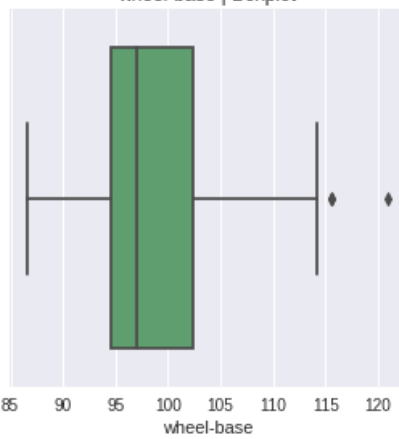
Note: verbose=0 or 1 generates charts and displays them in your local Jupyter notebook.

verbose=2 does not show plot but creates them and saves them in AutoViz\_Plots directory in your local machine.

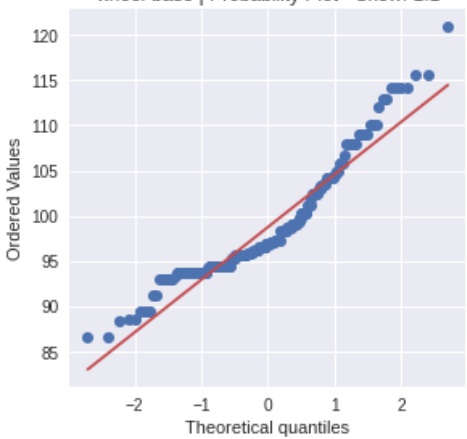
```
1 df = AV.AutoViz('/content/car_design.csv')
```



wheel-base | Boxplot



wheel-base | Probability Plot - Skew: 1.1



Category	Frequency
1	202
2	90
3	35
4	28
5	25
6	22
7	15
8	14
9	14
10	11
11	10
12	9
13	8
14	7
15	5

