

Geometric Mean:
$$(a b)^{1/2}$$
 $(a_1, a_2, \dots, a_n)^{1/2}$

Harmonic Mean: Reciprocal of mean of reciprocals

a, b

a, a₂, -- a_n

$$\frac{1}{a} + \frac{1}{b} = \frac{1}{a_1} + \frac{1}{a_2} + \cdots + \frac{1}{a_n}$$

$$\frac{2ab}{a}$$

2nd Quartile: - 25% values in data less than 1st Q.

2nd Quartile: - 50%
= median

7d Quartile: - 75%

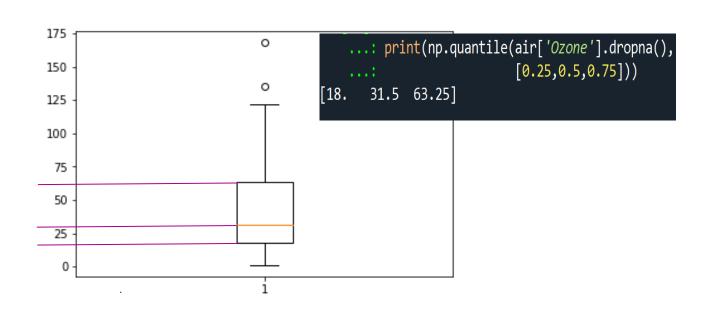
Data represented as a line

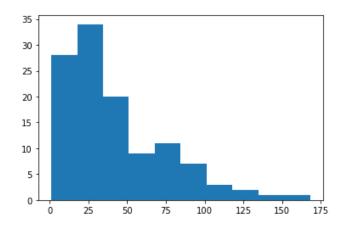
Min Q1 Q2/ Q3 Max

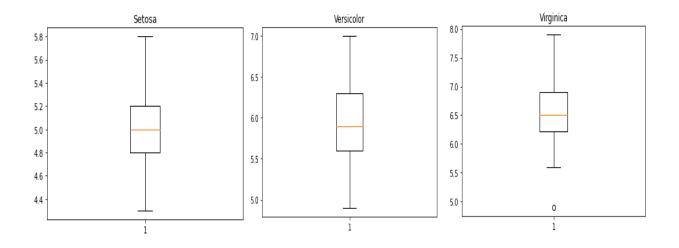
Median

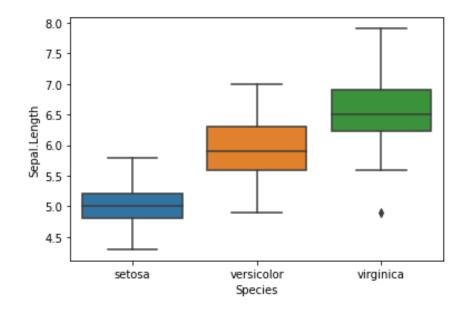
10R 25%

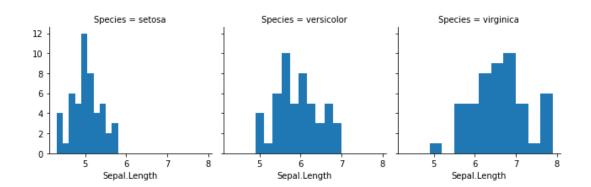
Quartiles: Divide the data into 4 equal parts
Deciles: Divide the data into 10 equal parts
Percentiles: Divide the data into 100 equal parts

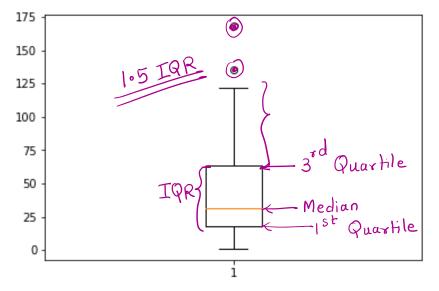




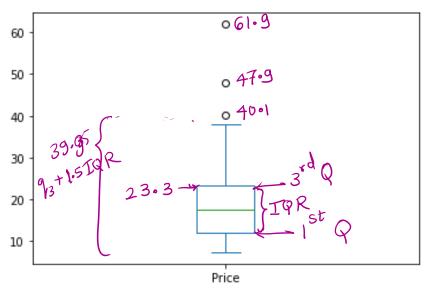








 $Q_3 - Q_1 = IQR$



Outliers:Any point which
is 1.5 IQR away
from the edge of
the box

|.510R = 16.65|.510R = 16.65

> 40.1 47.9 61.9