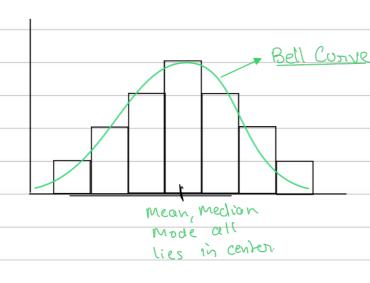
I Histogram and Skewness:
Remember to learn: 5 no. Summary, Box Plat
6.17 Histogram: Histogram are very useful in discriptive sletistics to 80mma size the data and take out information. Sregarding distribution of data.
Bins in Histogram Bin refers to not of intervals on buckets for a perticular not of datasets
ex:- for dataset Ages = \$10, 12,14,18, 24,26,30,33,36,37,40,41,42,50
Calculating Ages difference don bin size = 10
min data sange = max-min = 51-0 = 5.1 25 Bin Size
So, Histogram: 13 5 10 15 20 25 30 35 40 45 50 51 Ages ->
Now, smoothening the above Historyann we get, # total 10 intervals is 10 Bins PDF (Probability Distaribution Funn)
Jon dataset Ages = Sio, 12,14,18, 24,26,30,35,36,37,40,41,47,50 Calculating Ages difference for bin size = 10 min data songe = man-min = 51-0 = 5:1 ~ 5 Bin Size So, Histogram: Ages — Now, smoothering the above Histogram we get, of thole 10 intervals is 10 Bins PDF (Probability 0:5 bribation furn)

Porobability Distribution Function (PDF):- This basically talks about how my data is getting distributed. PDF is achieved by smoothening the Histogram by a concept called as Kennal Density Estimator (KDE)

Bell Curve



Bell Corve is a type of
Probability distribution
function for which all
centeral tendencies (like
near, median & mode
lies of the center of the
distribution and such
type of distribution is
cfa "Normal Graussian
Aistribution"

6.1.34 Log Normal Distribution Curve



6.27 Skewness:

6.2.14 No Spewness:

Non mal Distribution also known as Graussian Distribution is a Bell shaped symmetrical distribution in which the mean, median and mode all are perfectly at the center (i.e all are

