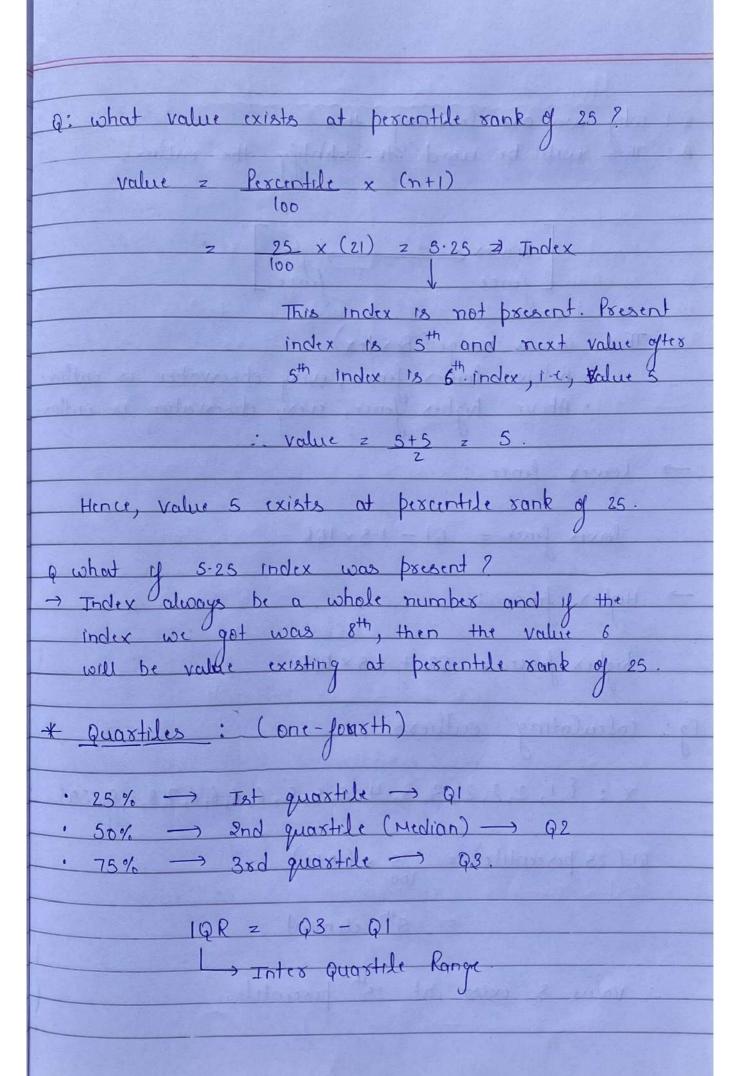
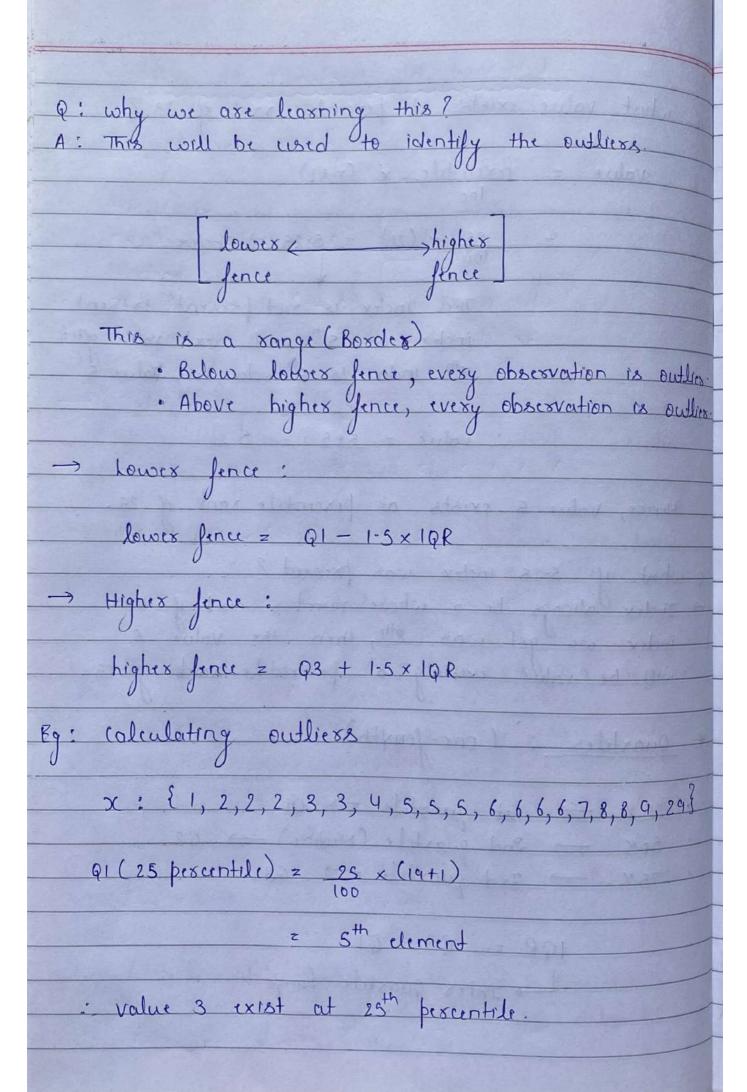
Percentile and Quartiles
Pexcenture . S. 1 2 3 4 5 3
Pexcentage: {1,2,3,4,5}
a: I I will be love of even numbers ?
q: what is the percentage of even numbers?
% of even # = 2 = 0.4 = 40%
: 40% of the # are even.
* Pexcentile:
A percentile is a velue below which a certain
hercentage of phaericalisms lie
percentage of observations lie.
95 Percentile -> Means that a person got better marks than 95 % of the
masks than 95 % of the
students.
Eg: Dataset: {2,2,3,4,5,5,6,7,8,8,8,8,9,9,10,11,11,12}
q: what is the percentile ronk of 10?
Percentile rank of 10 = ## of values below to x 100
2 16 x 100 = 80 Percentile.
Intexpret: · rescentile ranking of 10 -> 80 Percentile
Intexpret: Percentile ranking of 10 -> 80 Percentile · 80% of Values present in the dataset are smaller than 10.
axe smallex than in
The state of the s





Q3 (75 percentile) = 75 x (19+1) = 15th element .. value 7 exist at 75th percentile. NOW, Alkabi attalia (seath Manus -> hower Pence and Higher Jence: 10R = Q3-Q1 z 7 - 3 z 4. Lower Fence = Q1-1-5x1QR 2 3 - 1-5x4 Highex Fence = Q3 + 1.5 x 1QR z 7 + 1.5 x 4 02 13. 13. 20 = 411 Lowes fence and Higher fence are in the between [-3, 13] : value 29 18 an outlier