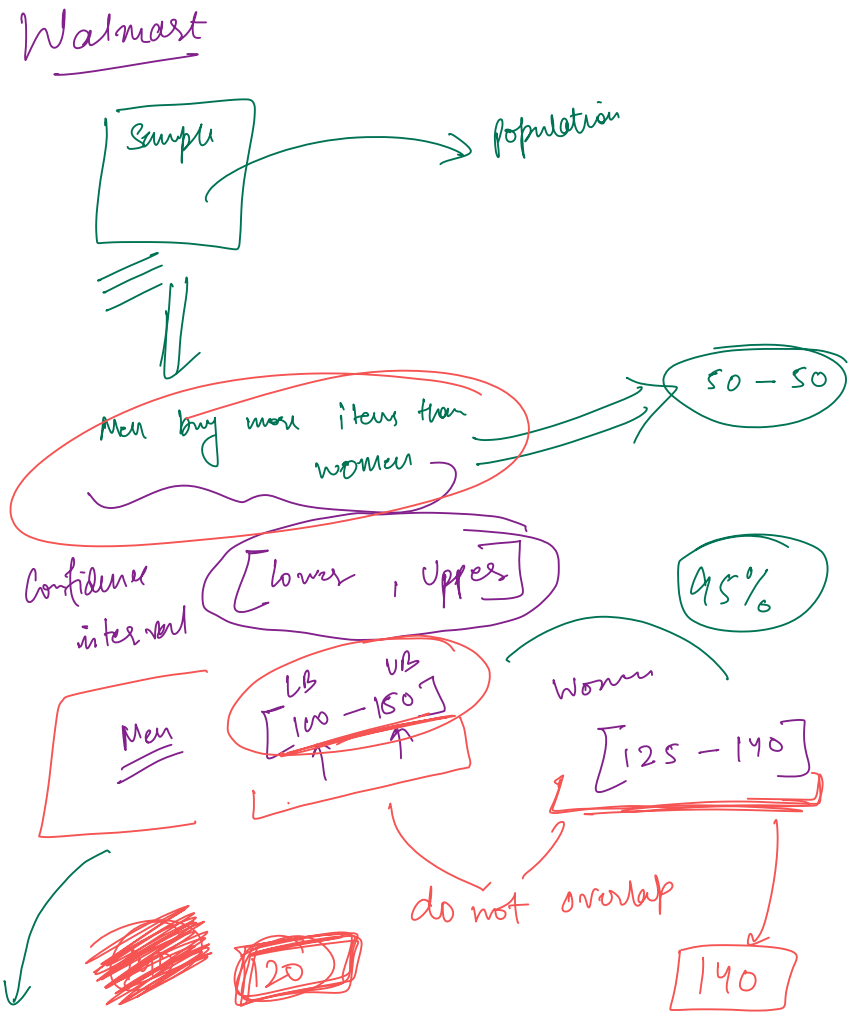
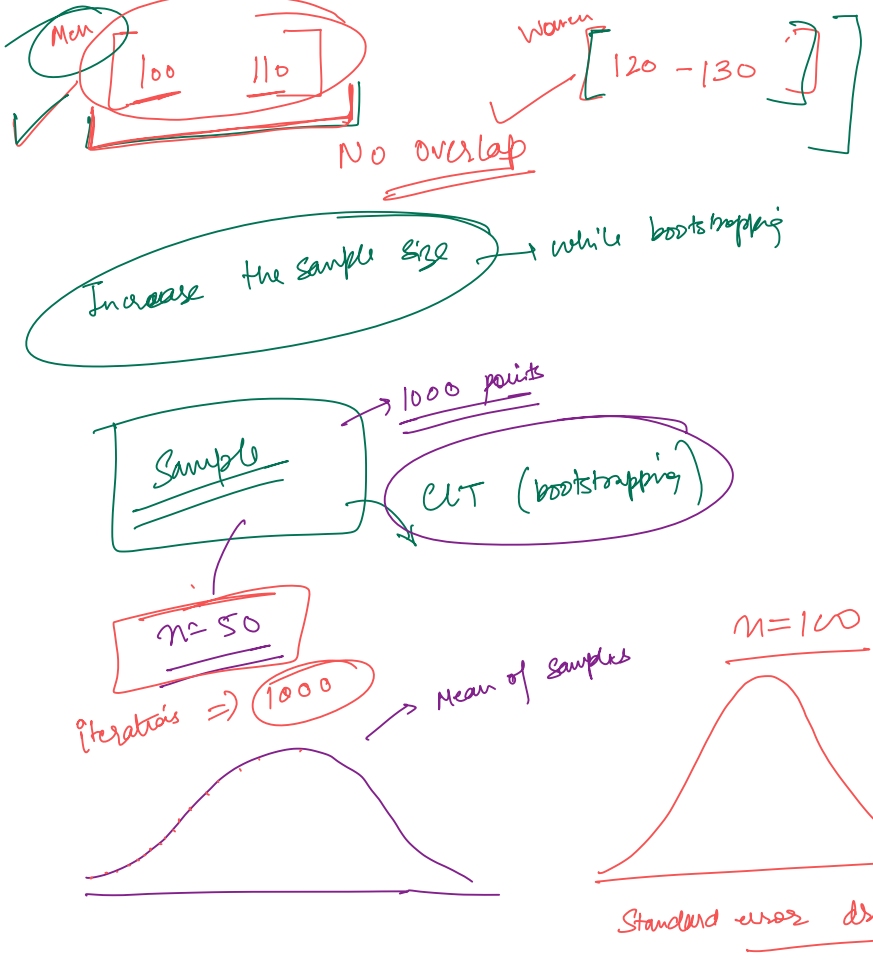
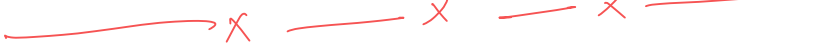

Walmart
Sample
Population
Men buy more items than women
50 - 50
Confidence interval
[lower , Upper]
95%
Men
LB
UB
[100 - 150]
Women
[125 - 140]
do not overlap
120
140

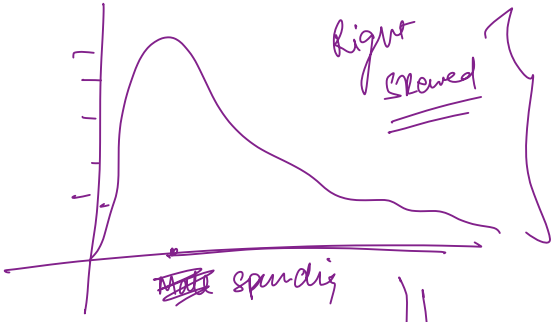

Men
100
110
Women
120 - 130
No overlap
Increase the sample size → while bootstrapping
Sample
1000 points
CLT (bootstrapping)
n = 50
iterations => 1000
Mean of samples
n = 100
Standard error drops

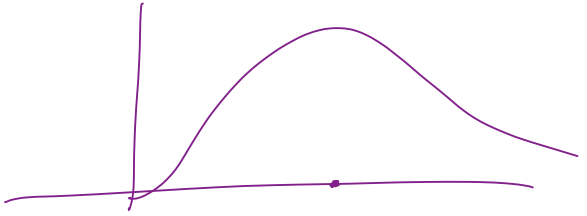
95% confidence

↓

90%





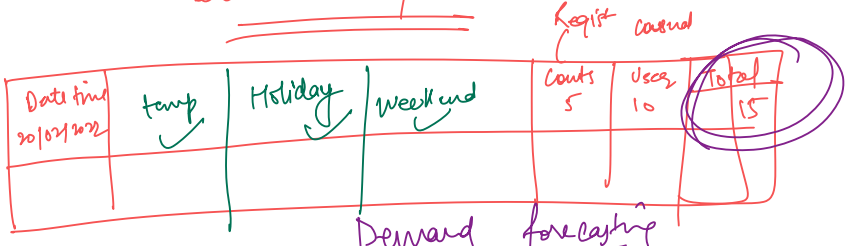


① Basic exploration

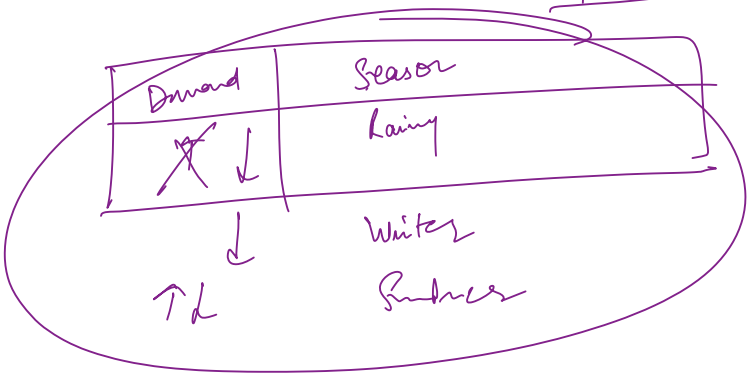
- shape
- describe
- info

1/July

↳ electric bicycles



Demand forecasting

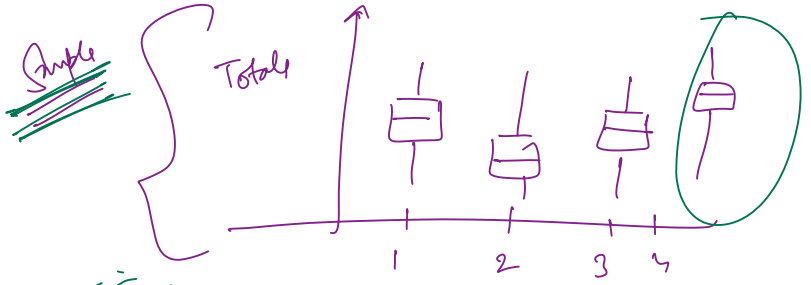


Sample data is given

EDA (on sample)

↳ Boxplot

Season is affecting the total



Population

Season has an effect on the bicycle rented or not

Anova

Mean of bicycles rented on season 1, 2, 3, 4

H_0 = Mean of all the season is same