

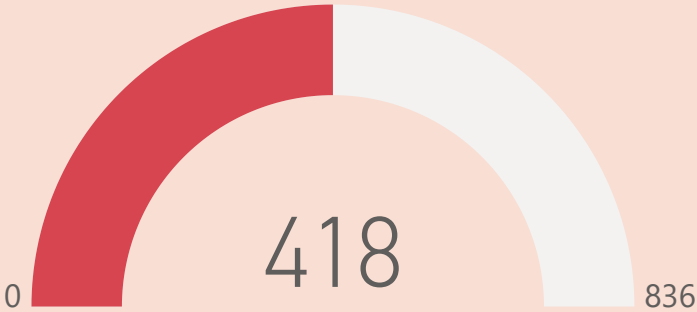
THEY ARE 4 STAGES OF LIVER DISEASE ,  
INFLAMMATION,FIBROSIS, CIRRHOSIS,AND  
LIVER FAILURE . FOR THIS ANALYSIS MY  
MAIN FOCUS IS THE THIRD STAGE WHICH  
IS CIRRHOSIS, FROM OUR AGE  
DISTRIBUTION ANALYSIS , AS A PATIENT  
INCREASES IN AGE , THE HIGHER THE  
CHANCE OF LIVER CIRRHOSIS OCCUERENCE

# LIVER CIRRHOSIS DISEASE ANALYSIS

DISEASE STAGE

- 1
- 2
- 3
- 4

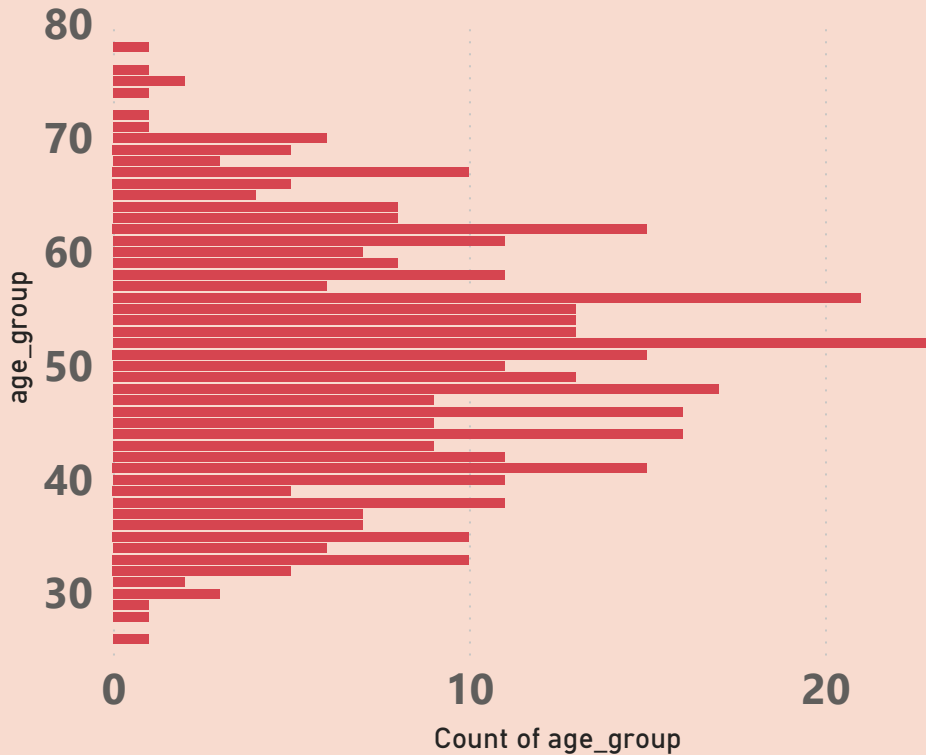
TOTAL DATA COLLECTED



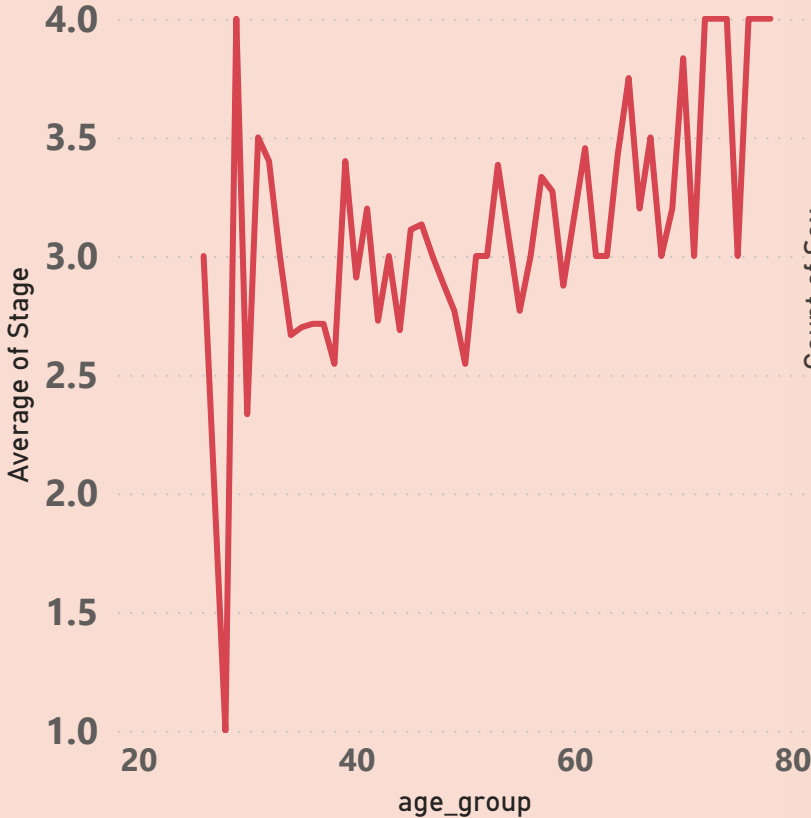
SEX DISTRIBUTION OF PATIENTS

400

AGE DISTRIBUTION OF PATIENTS



AGE DSTRIBUTIN BY DISEASE STAGE



Count of Sex

300

200

100

0

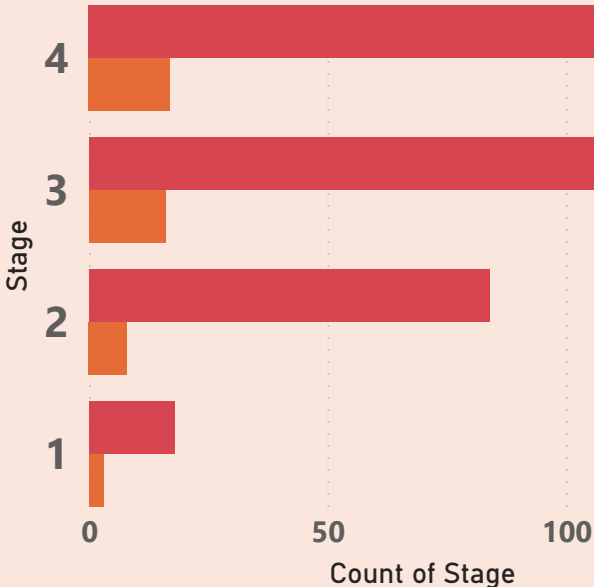
F

M

Sex

Distribution of sex by disease stage

Sex ● F ● M



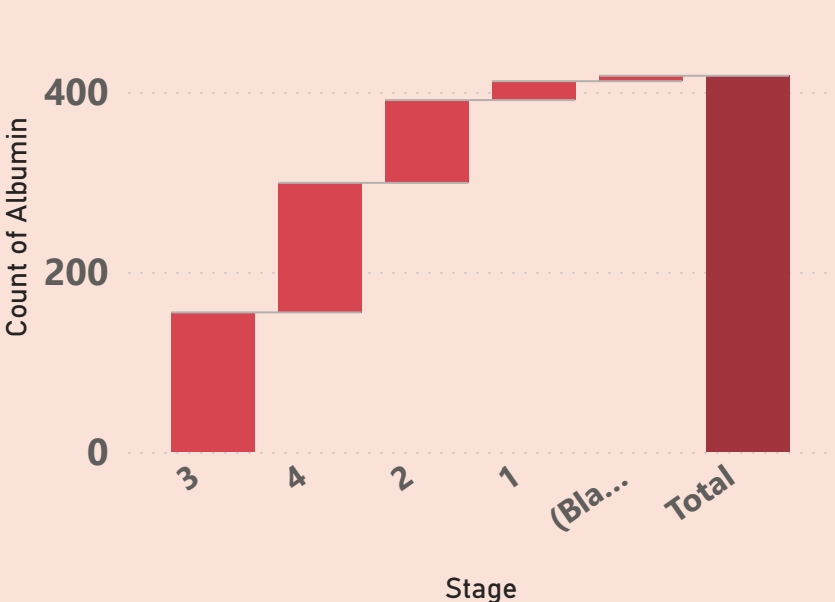
FROM THE DISTRIBUTION OF PATIENT GENDER ACROSS DISEASE STAGE, WE CAN OBSERVE THAT THEY ARE MORE MORE FEMALE PATIENT THAT TESTED POSITIVE TO CIRRHOSIS THAN MALE PATIENT ,

ALSO, ALBUMIN , PLATELETS AND CHOLESTEROL HAS A NEGATIVE CORELAATION WITH LIVER CIRRHOSIS, THE LOWER THE ACCUMULATION OF THIS SERUMS IN THE BLOOD OF A PATIENT THE HIGHER THE CHANCES OF THE PATIENT TO RESPOND NEGATIVE TO LIVER CIRRHOSIS

IN THIS ANALYSIS MOST OF OUR PATIENT THAT TESTED NEGATIVE TO CIRRHOSIS HAVE A HIGHER PERCENT OF THIS SERUMS

Albumin accumulation by disease Stage

● Increase ● Decrease ● Total

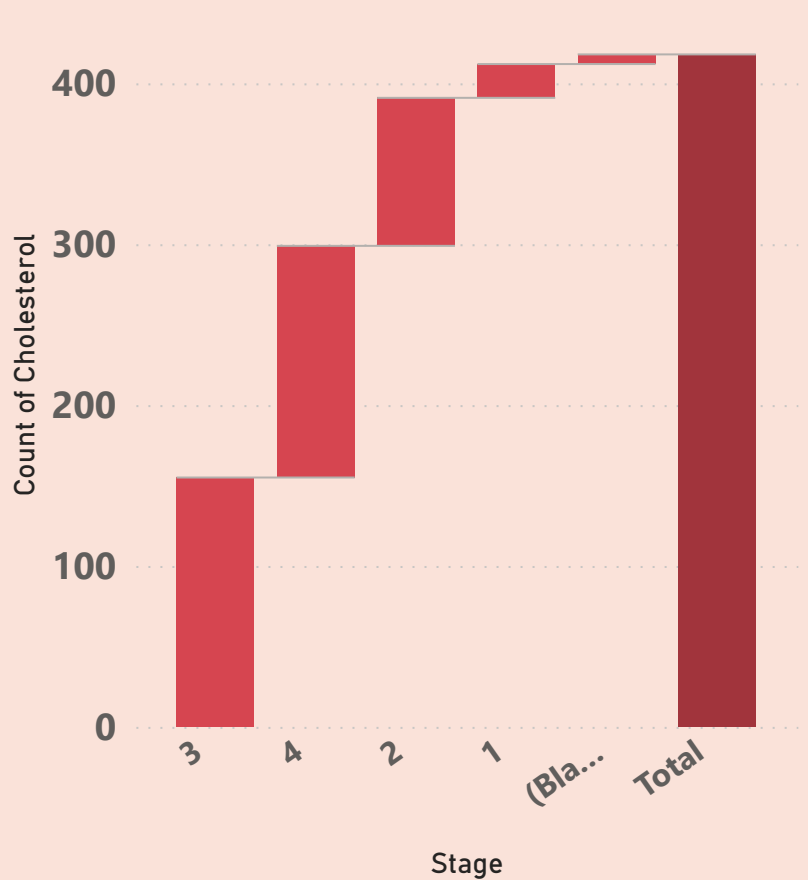


Stage

- 1
- 2
- 3
- 4

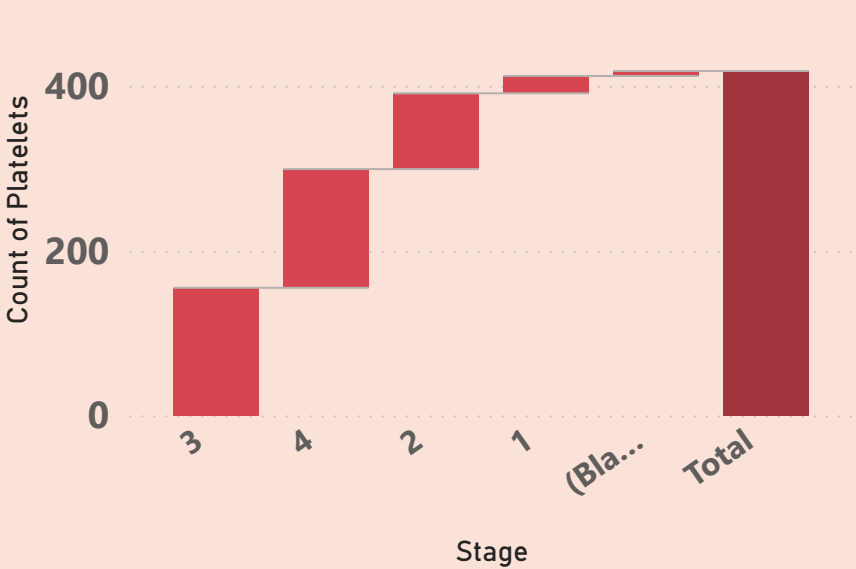
Cholesterol accumulation by Disease Stage

● Increase ● Decrease ● Total

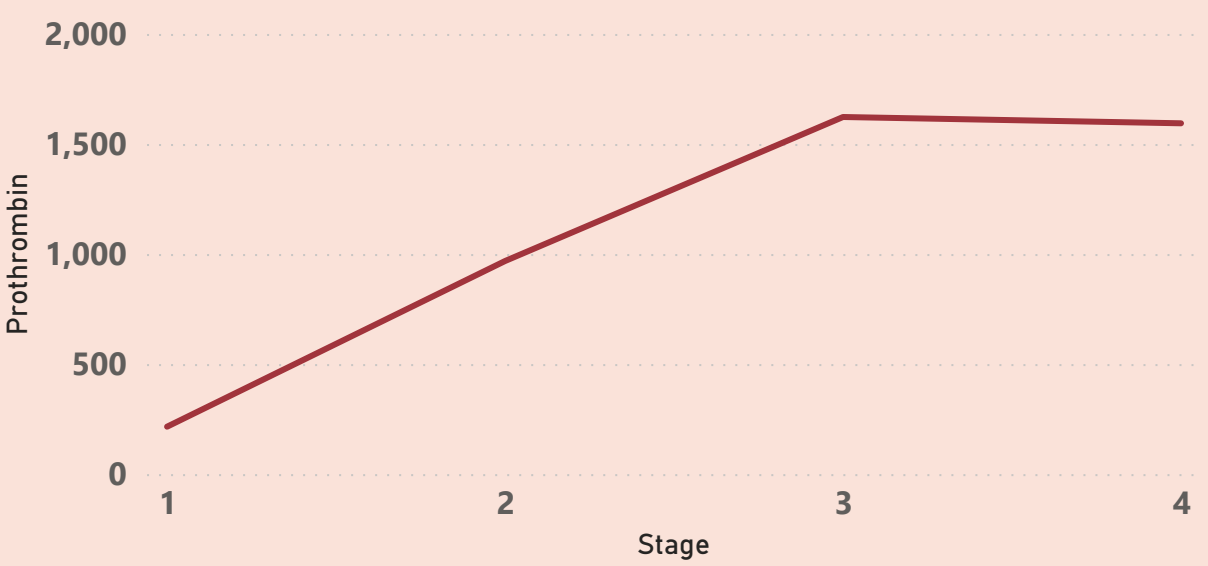


Platelets accumulation by disease Stage

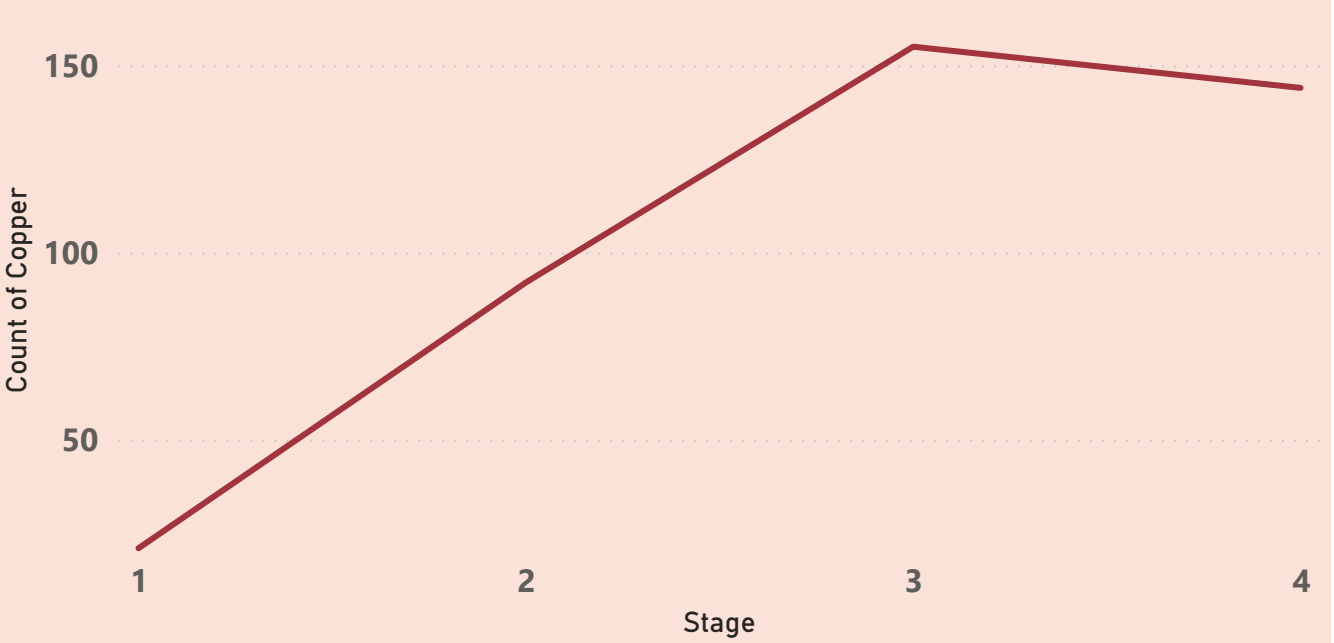
● Increase ● Decrease ● Total



Prothrombin accumulation by disease Stage



Copper accumulation by disease Stage



**BILIRUBIN, PROTHROMBIN AND COPPER HAS A POSITIVE CORRELATION WITH CIRRHOSIS, THE HIGHER THE ACCUMULATION OF THIS SERUM IN THE BLOOD, THE HIGHER THE CHANCES OF CIRRHOSIS IN A PATIENT**

**IN THIS ANALYSIS LEVEL 3 HAS A HIGH PRESENCE OF THIS SERUM IN IT ,MEANING THAT THE BLOOD OF MOST OF OUR PATIENT THAT TESTED POSITIVE POSITIVE TO CIRRHOSIS CONTAIN THIS SERUMS**

Stage

- 1
- 2
- 3
- 4



Bilirubin accumulation by disease Stage

