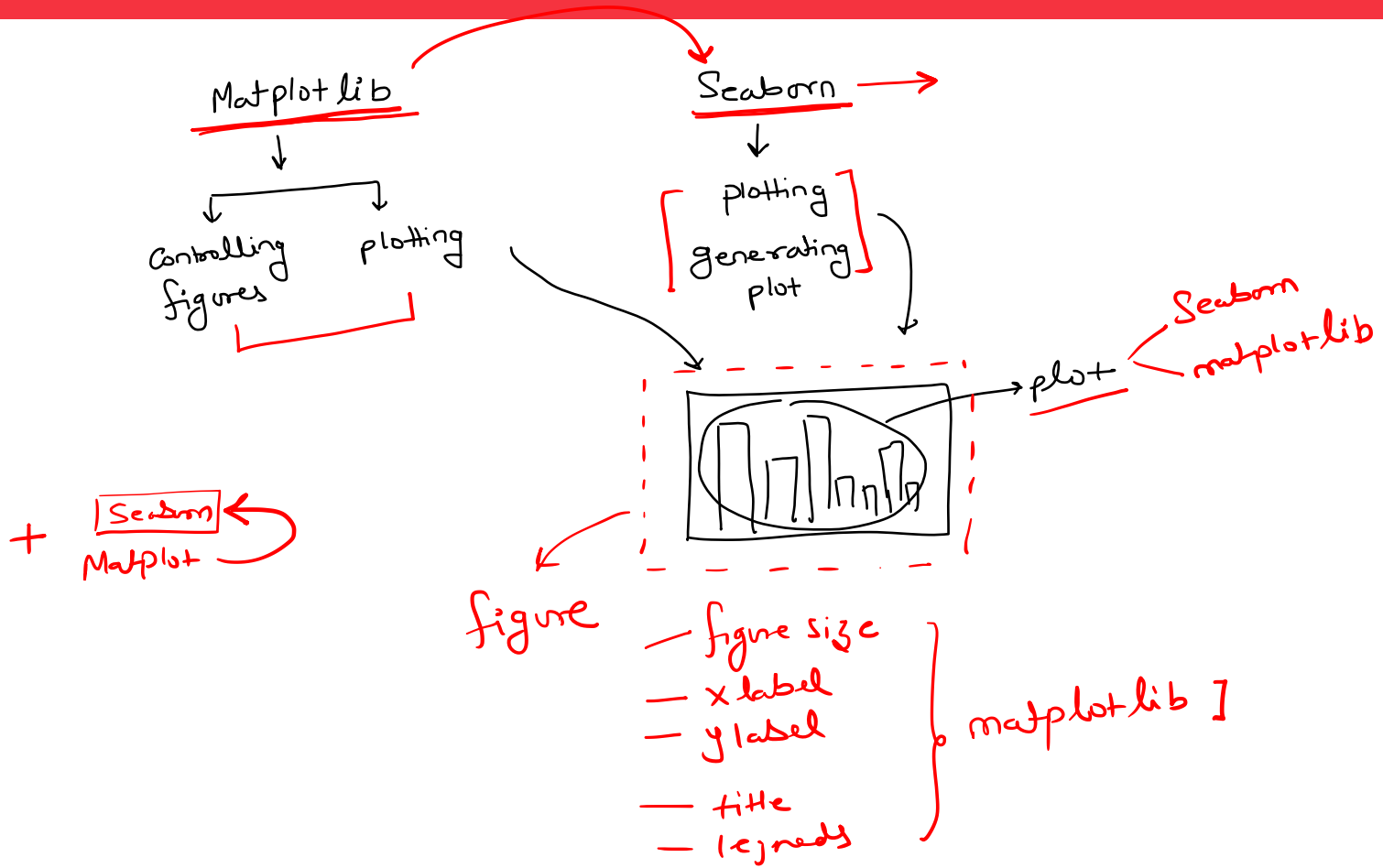
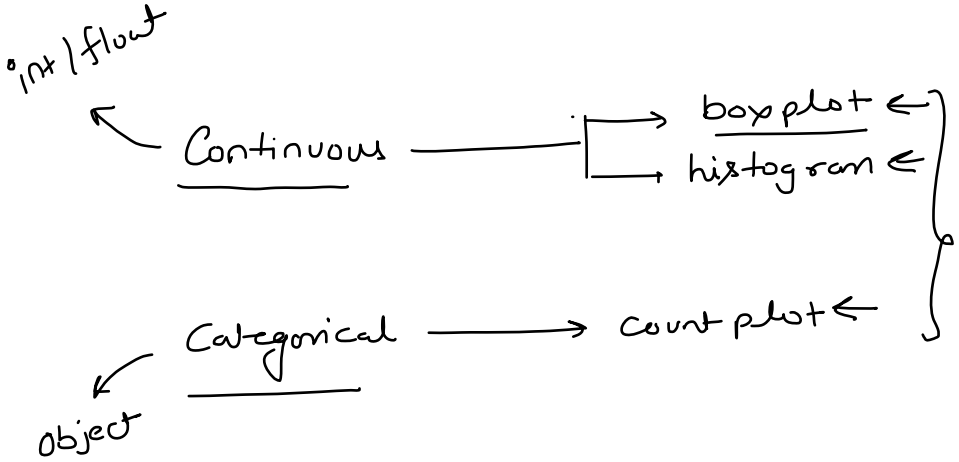
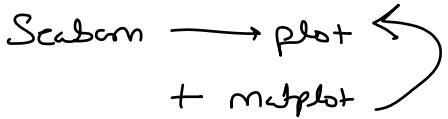

Matplotlib
Seaborn
controlling figures
plotting
plotting
generating plot
plot
Seaborn
matplotlib
+
Seaborn
Matplot
figure
figure size
xlabel
ylabel
title
legends
matplotlib !

Visualisation

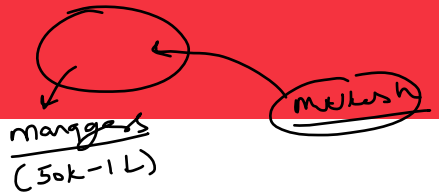
upGrad

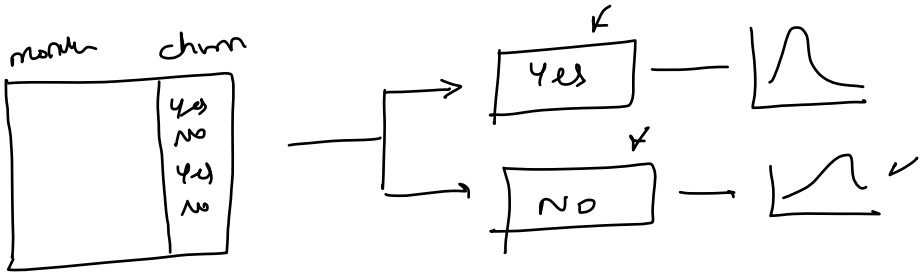


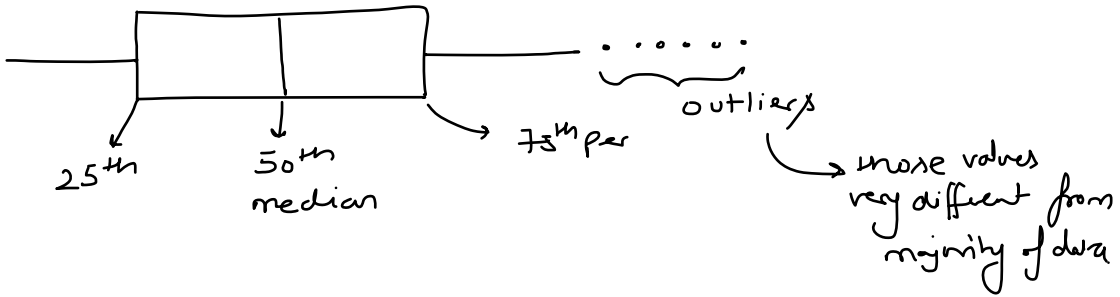


Visualisation

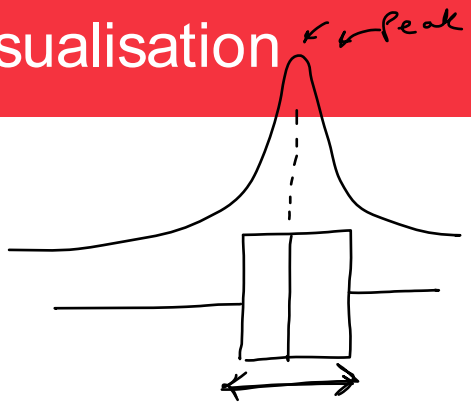
upGrad

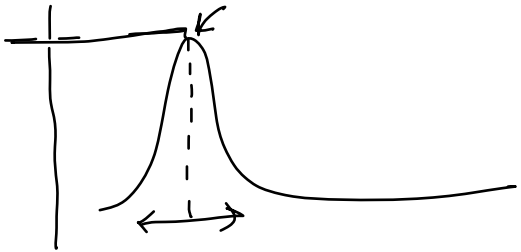


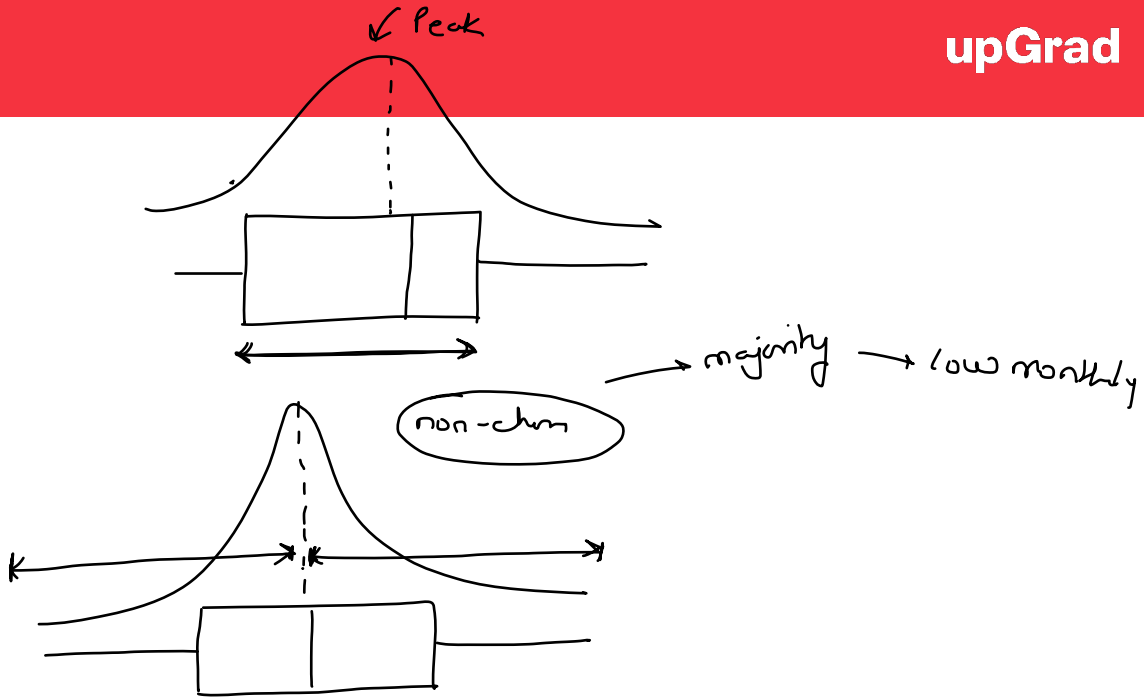


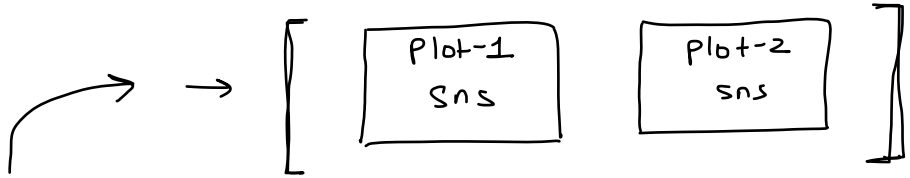


Visualisation



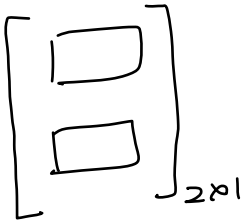






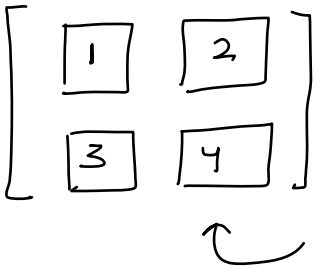

```
plt.subplot(1, 2, 1)
sns.boxplot(df[ ])

plt.subplot(1, 2, 2)
sns.boxplot(df[ ])
```



plt.subplot(a, b, c)

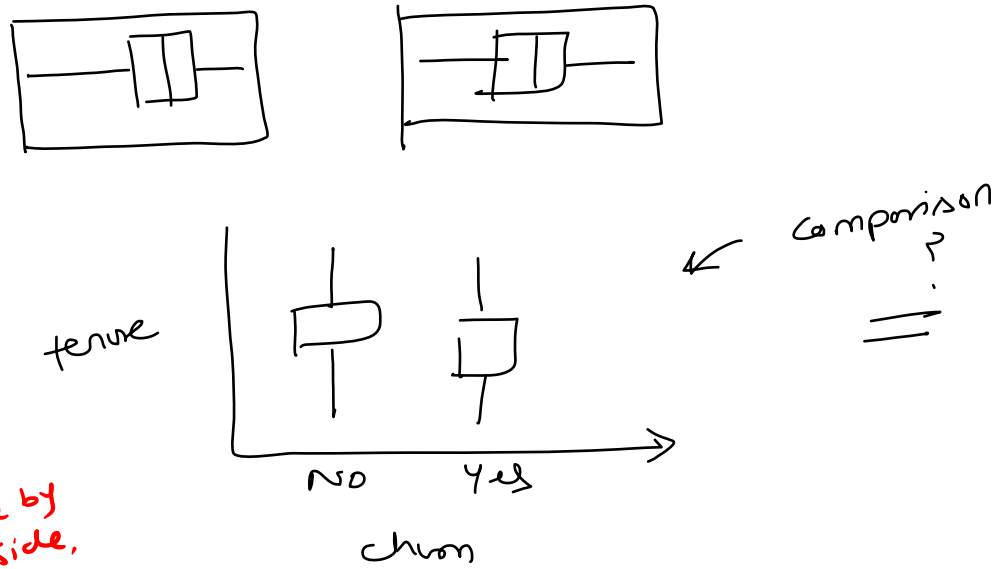
- a → # of rows in the figure matrix
- b → # of columns in the figure matrix
- c → plot number

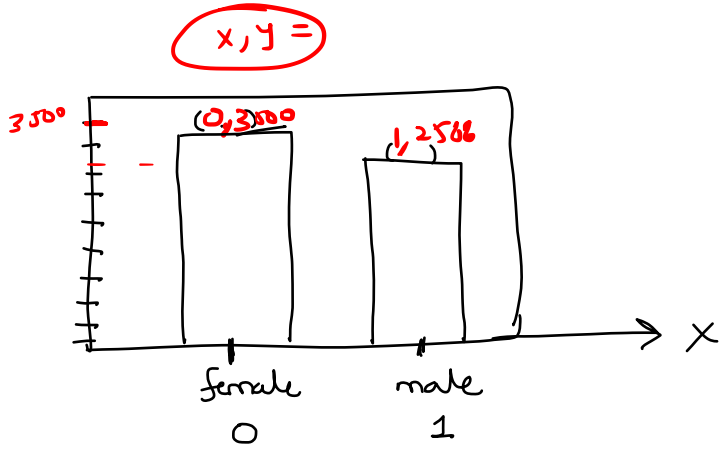



```
plt.subplot(2,2,1)   ← code for plot-1 →
plt.subplot(2,2,2)   ← code for plot-2 →
plt.subplot(2,2,3)   ← code for plot-3 →
plt.subplot(2,2,4)   ← code for plot-4 →
```

Visualisation

upGrad





a =

index	gender
female	3500
male	2588

a.iterrows() ⟶ (0, index female, gender 3500) (1, index male, gender 2588)

i j

```
for i, j in a.iterrows
    plt.annotate( j['gender'], xy = ( i, j['gender']+0.08 ) )
```