Visualizing And Predicting Heart Diseases With An Interactive Dashboard

TEAM ID : PNT2022TMID38683

Working With Data Set

Understanding the dataset

Loading the data set

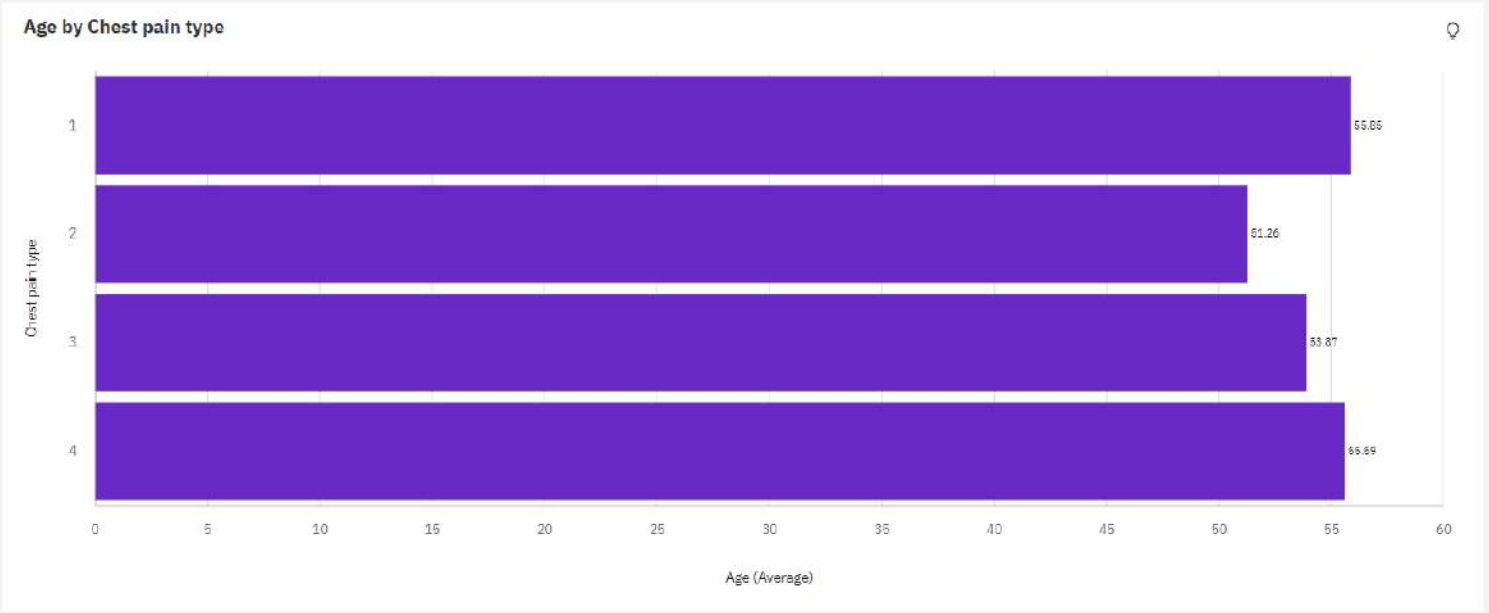
Exploration of data

Exploration of BPvsChest Pain Type And Gender

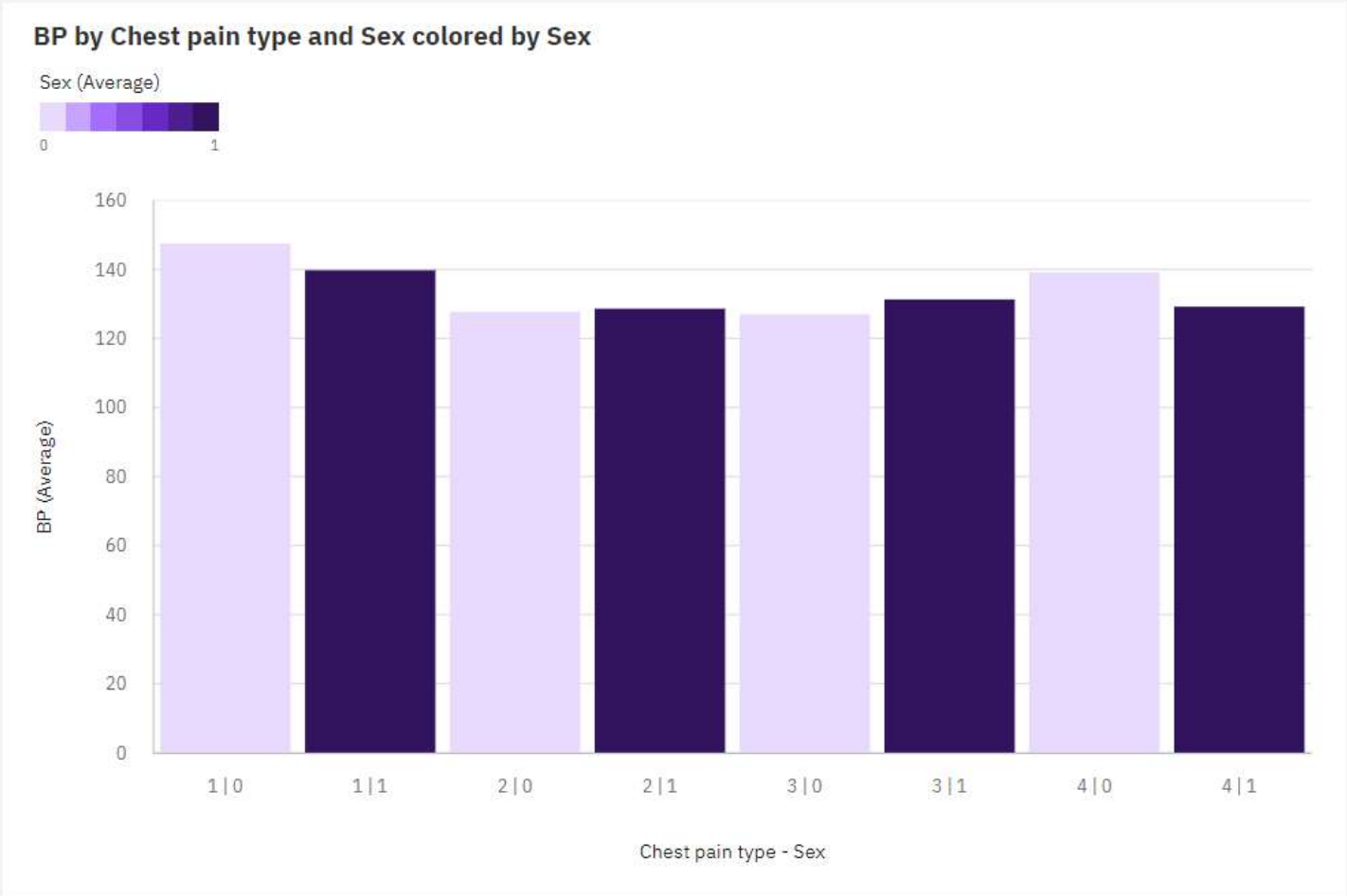
Exploration Of Max Heart Rate During The Chest Pain

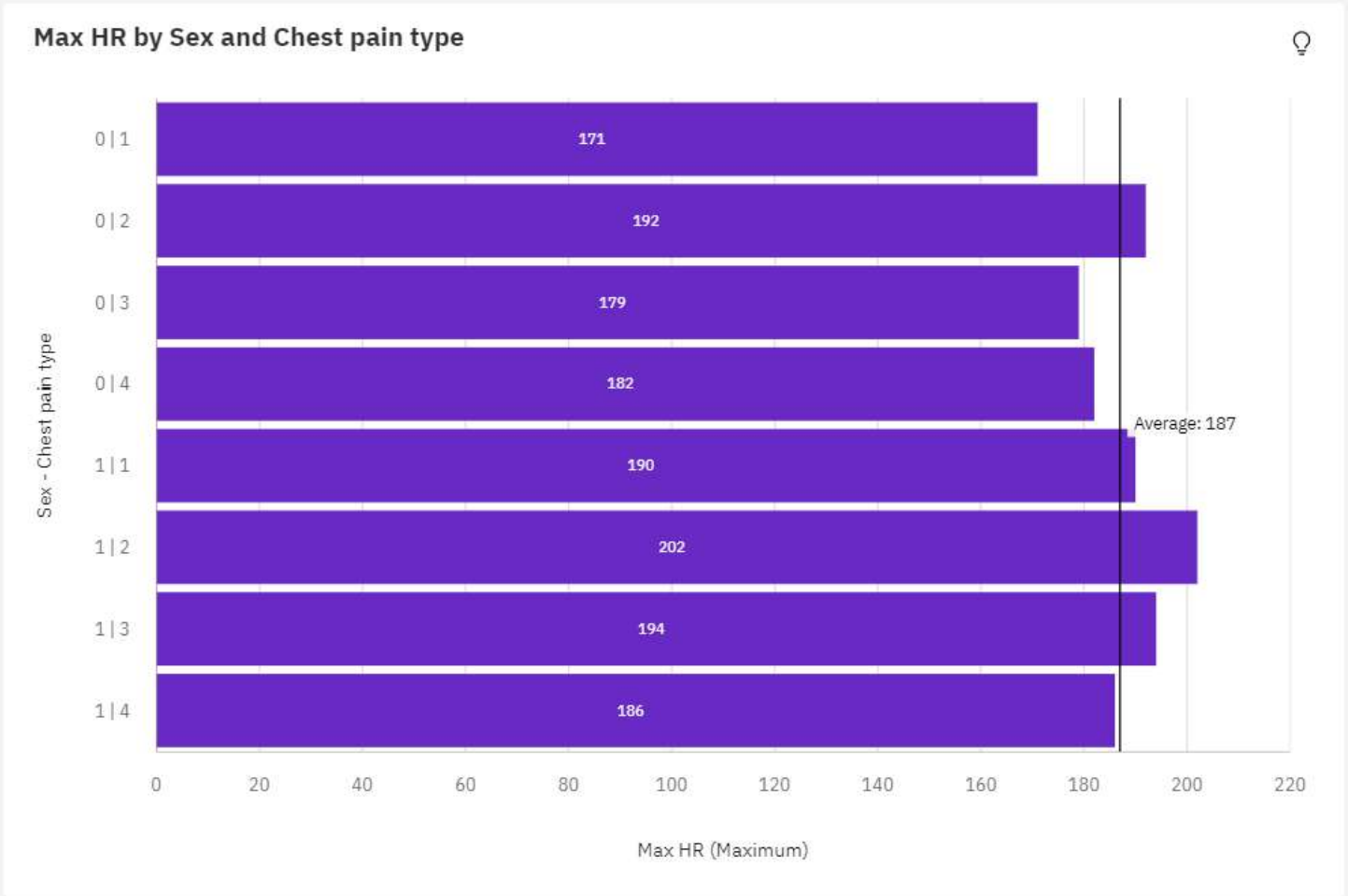
Exploration Of Bp By Age

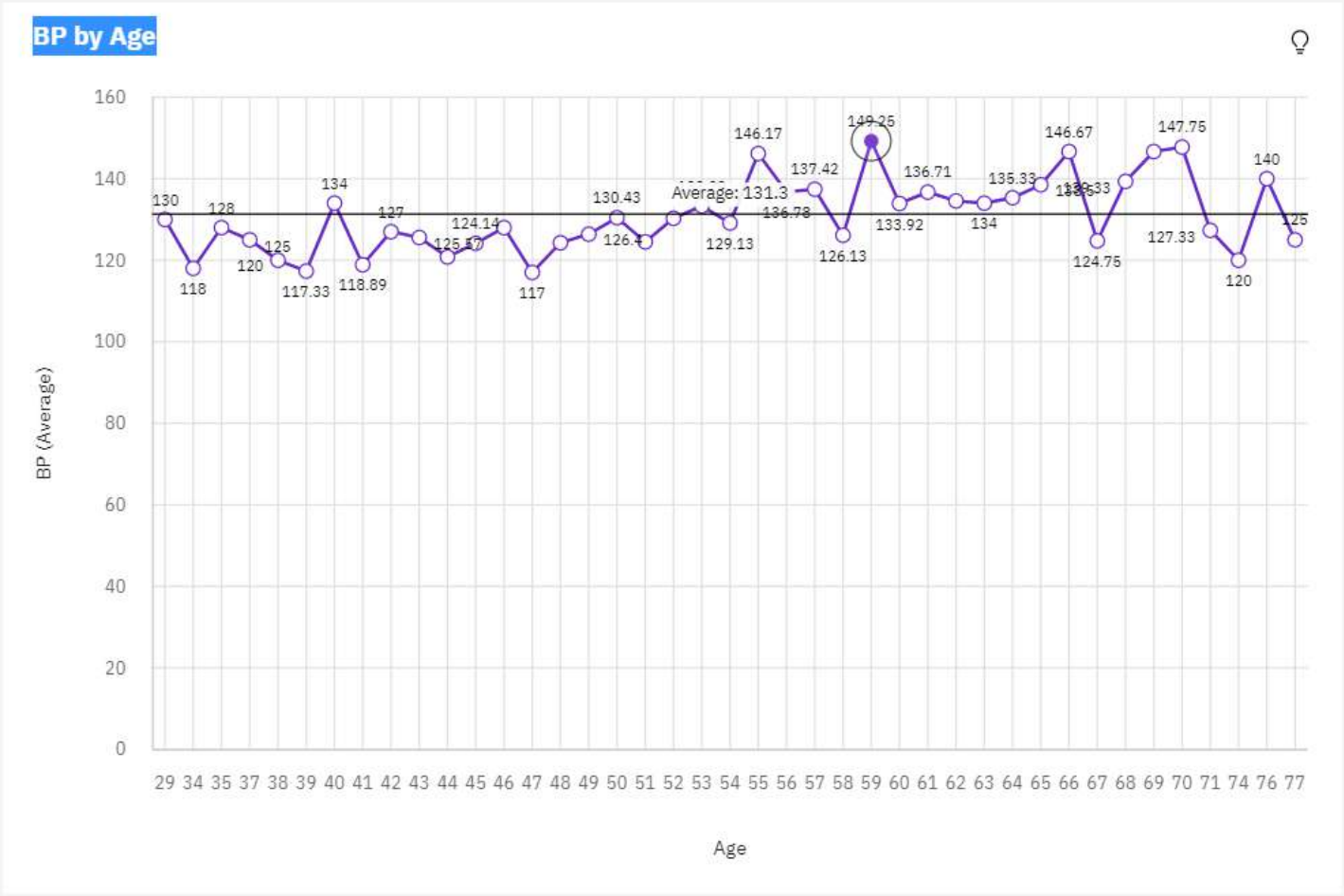
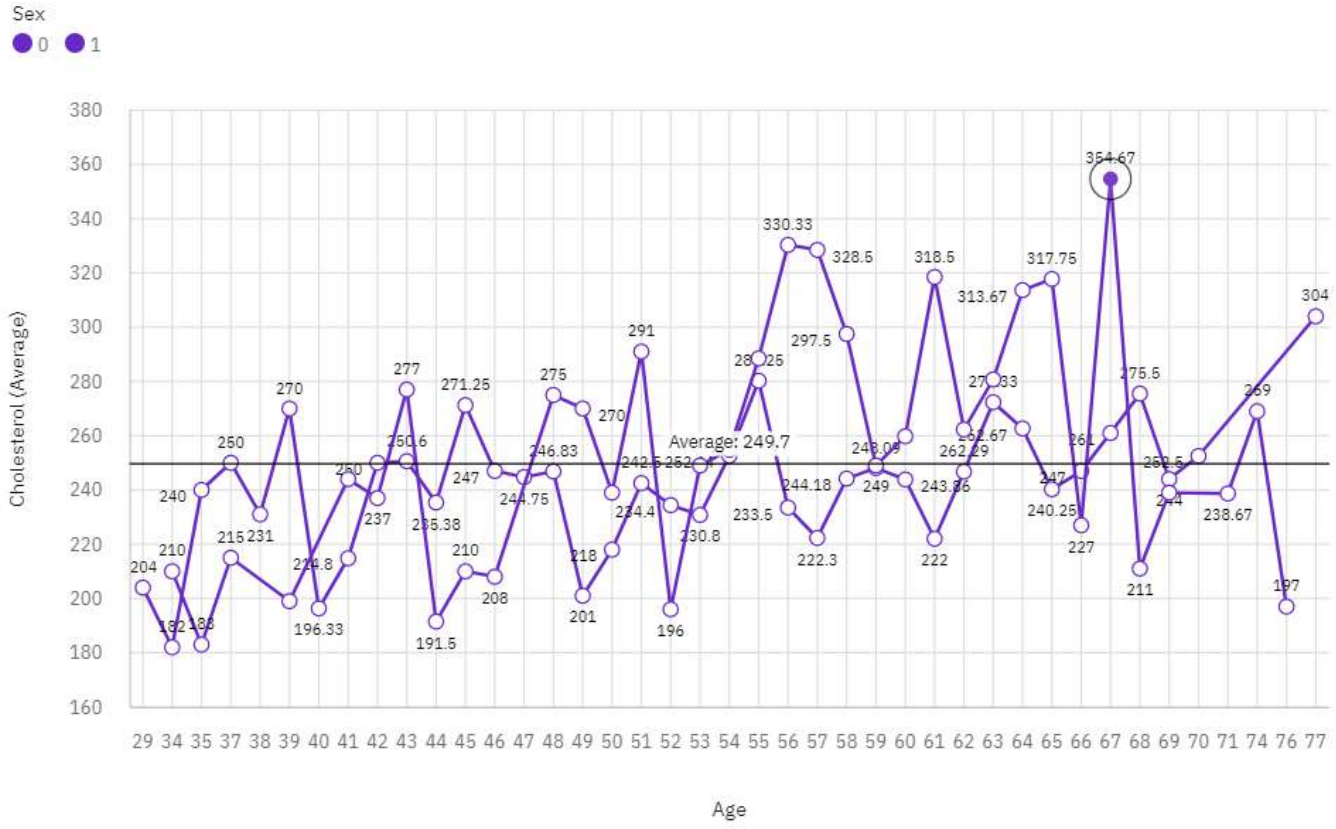
Exploration Of Chorestrol By Age And Gender



Activate Windows


BP by Chest pain type and Sex colored by Sex
Sex (Average)
0
1
160
140
120
100
80
60
40
20
0
BP (Average)
1 | 0
1 | 1
2 | 0
2 | 1
3 | 0
3 | 1
4 | 0
4 | 1
Chest pain type - Sex


Max HR by Sex and Chest pain type
Sex - Chest pain type
0 | 1
0 | 2
0 | 3
0 | 4
1 | 1
1 | 2
1 | 3
1 | 4
171
192
179
182
190
202
194
186
Average: 187
0
20
40
60
80
100
120
140
160
180
200
220
Max HR (Maximum)


BP by Age
160
140
120
100
80
60
40
20
0
BP (Average)
Average: 131.3
130
118
128
120
125
117.33
134
118.89
127
125.57
124.14
117
130.43
126.43
129.13
146.17
136.78
137.42
126.13
149.25
133.92
136.71
134
135.33
146.67
124.75
147.75
127.33
120
140
125
29 34 35 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 74 76 77
Age

Cholesterol by Age colored by Sex