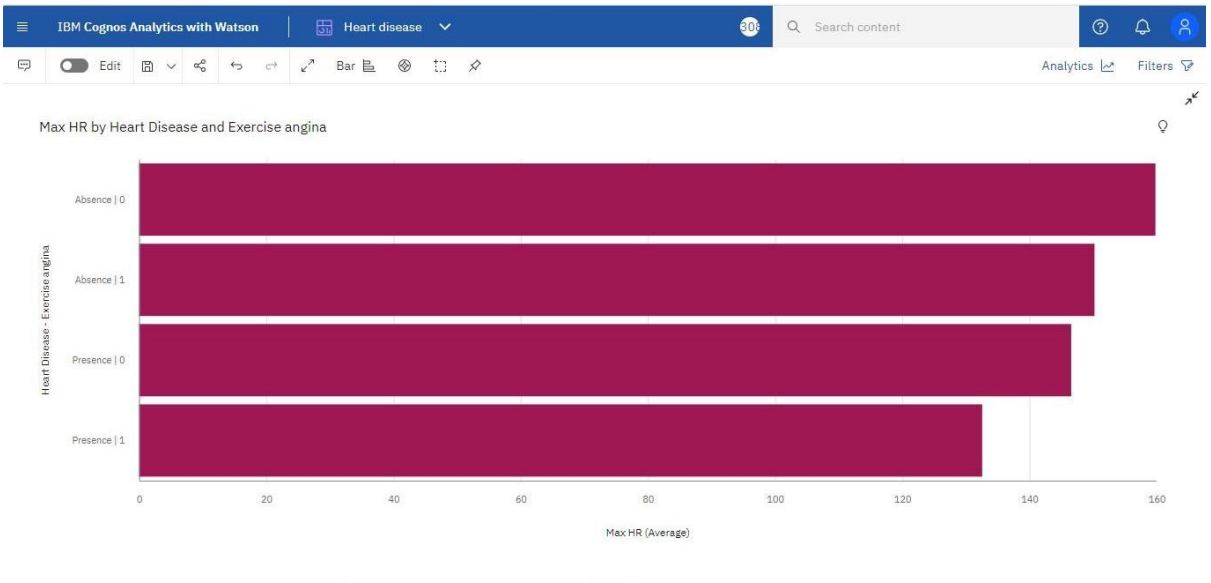
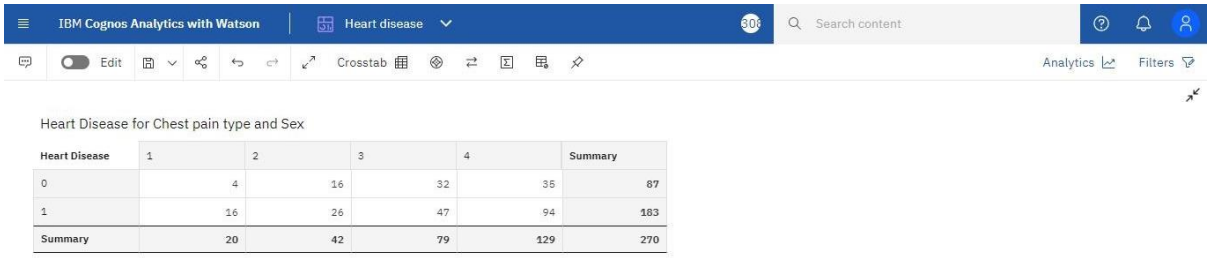
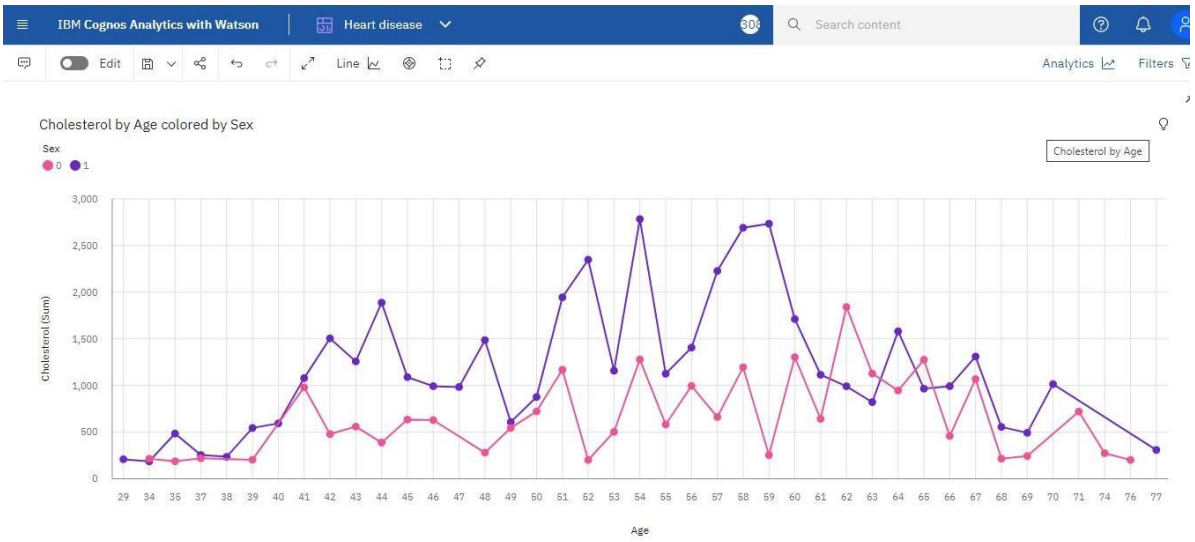
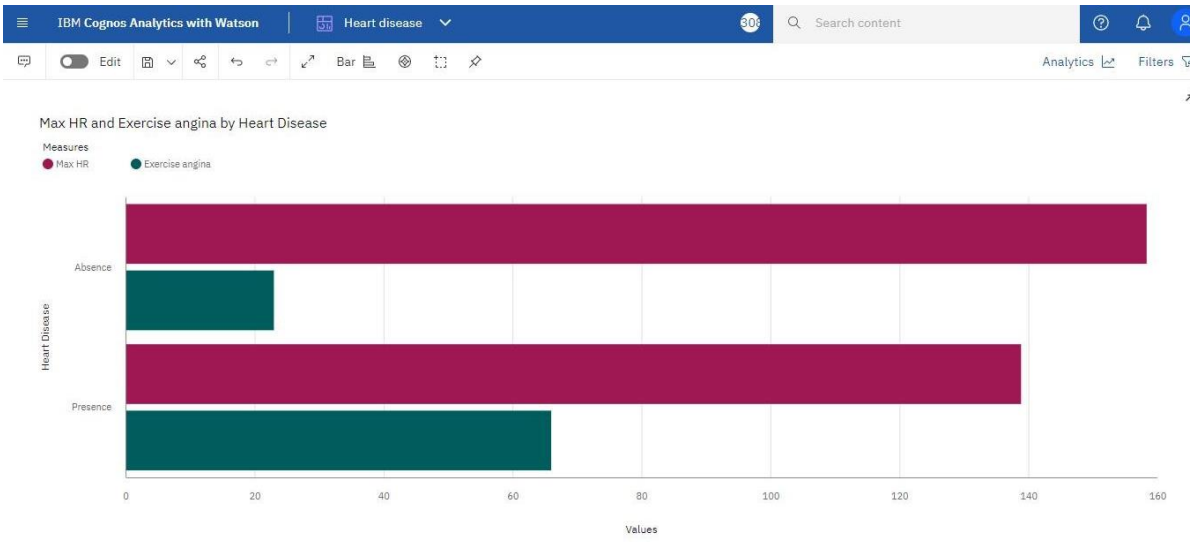
BUILDING DASHBOARDS USING IBM COGNOS ANALYTICS



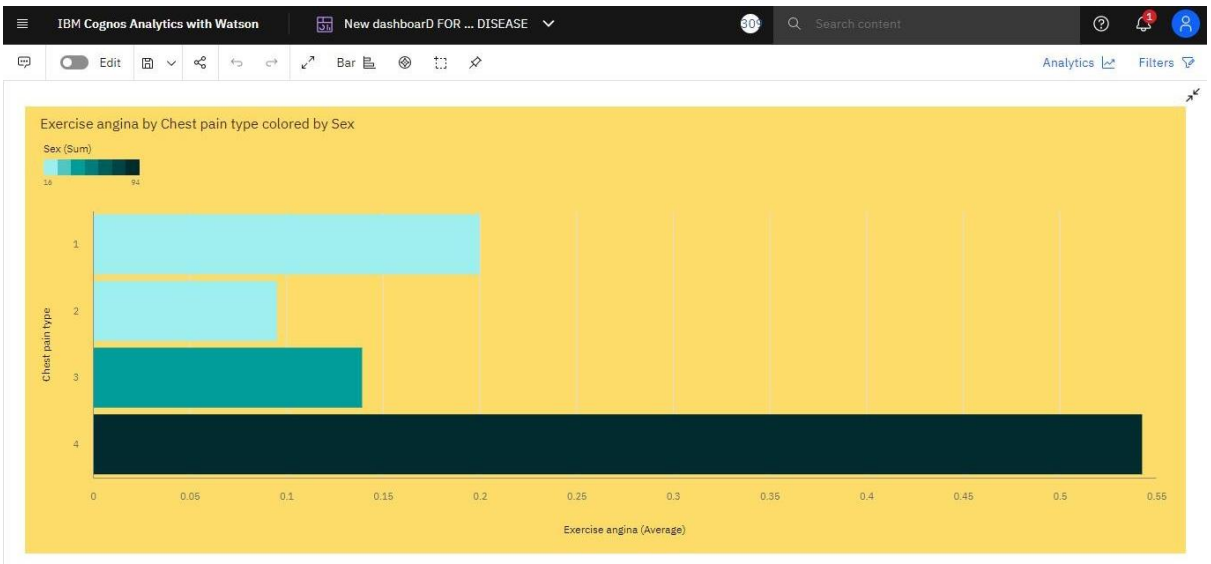


Heart Disease	1	2	3	4	Summary
0	4	16	32	35	**87**
1	16	26	47	94	**183**
Summary	**20**	**42**	**79**	**129**	**270**

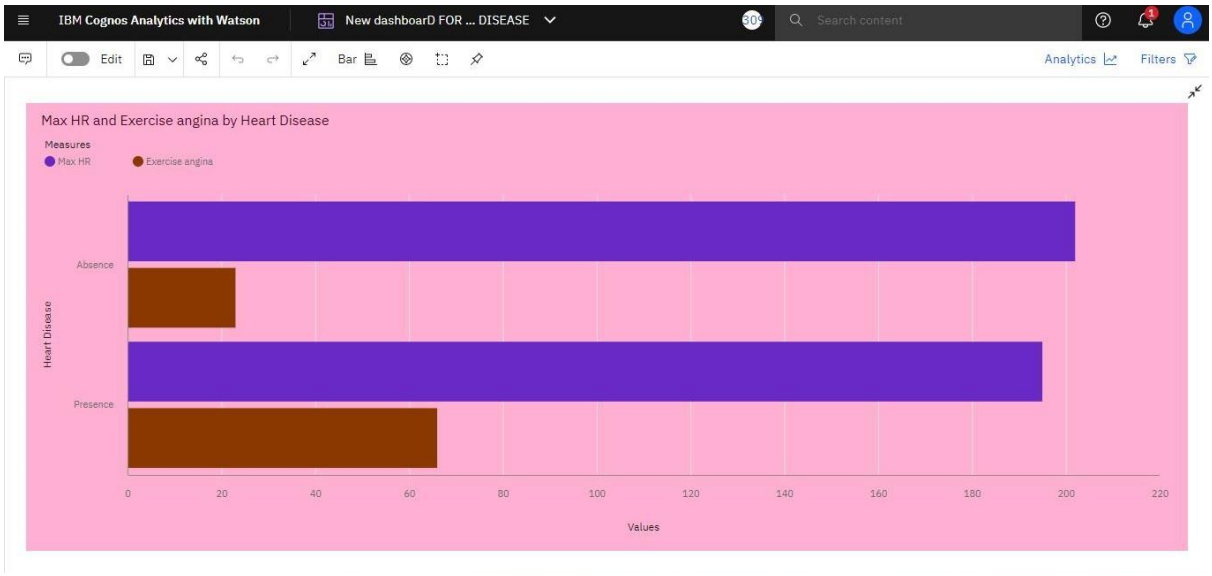

IBM Cognos Analytics with Watson
Heart disease
Search content
Edit
Line
Analytics
Filters
Cholesterol by Age colored by Sex
Sex
0
1
Cholesterol by Age
Cholesterol (Sum)
3,000
2,500
2,000
1,500
1,000
500
0
29 34 35 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 74 76 77
Age

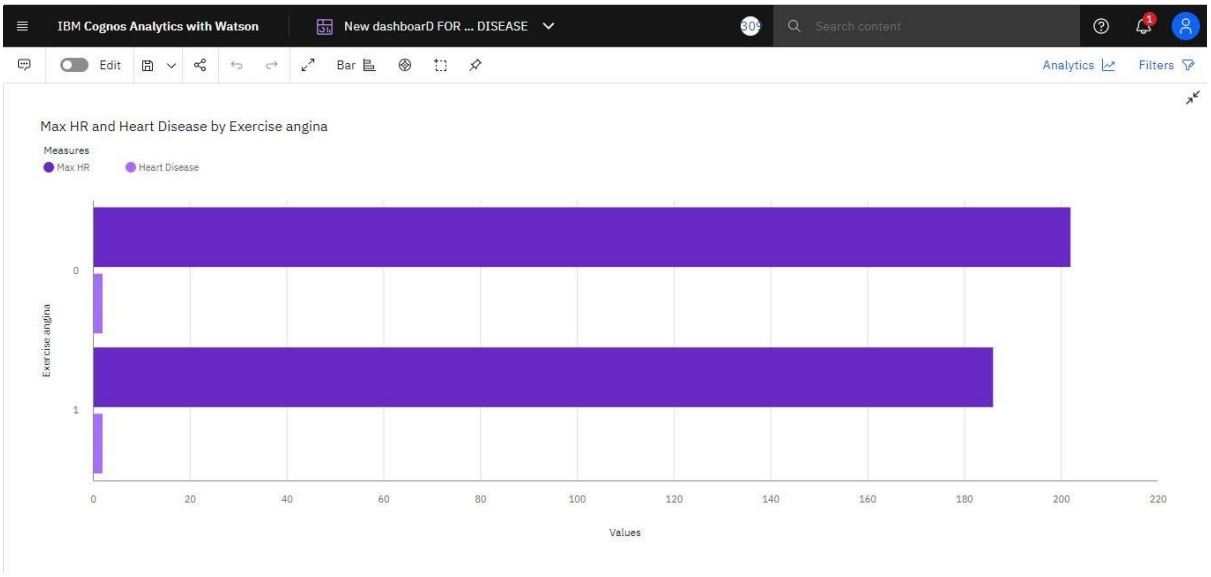

IBM Cognos Analytics with Watson
Heart disease
Search content
Edit
Bar
Analytics
Filters
Max HR and Exercise angina by Heart Disease
Measures
Max HR
Exercise angina
Absence
Presence
Heart Disease
0 20 40 60 80 100 120 140 160
Values

IBM Cognos Analytics with Watson
New dashboarD FOR ... DISEASE
Search content
Edit
Stacked column
Analytics
Filters
Age by Chest pain type and Sex colored by Heart Disease and Sex
Heart Disease - Sex (Sum)
Absence | 0
Absence | 1
Presence | 0
Presence | 1
Age (Average)
120
100
80
60
40
20
0
1 | 0
1 | 1
2 | 0
2 | 1
3 | 0
3 | 1
4 | 0
4 | 1
Chest pain type - Sex

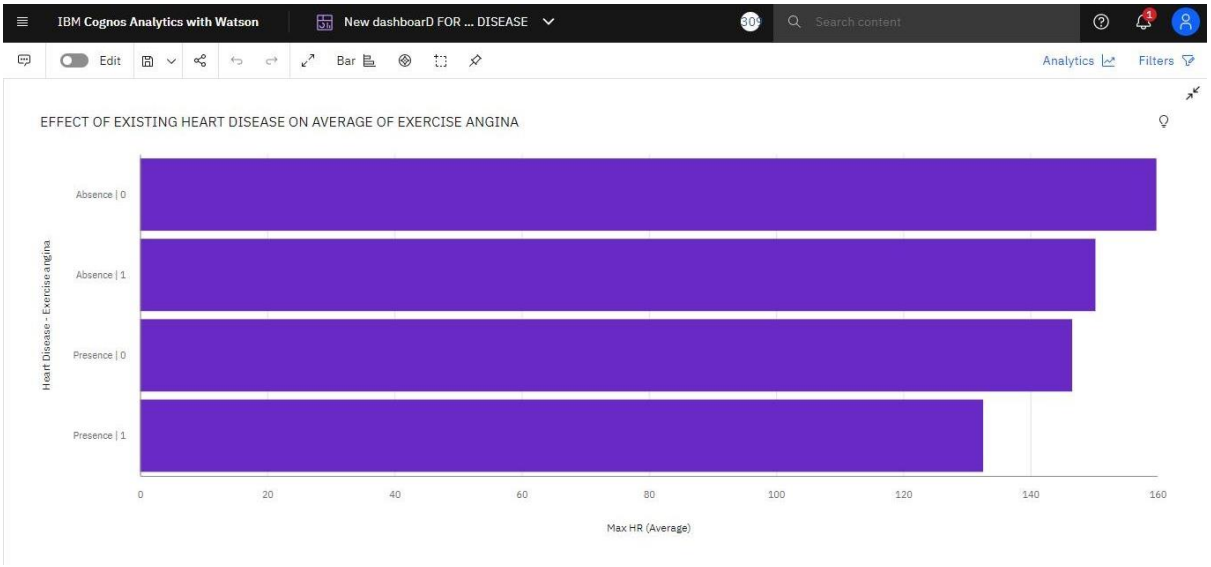

IBM Cognos Analytics with Watson
New dashboarD FOR ... DISEASE
Search content
Edit
Bar
Analytics
Filters
Exercise angina by Chest pain type colored by Sex
Sex (Sum)
16
94
Chest pain type
1
2
3
4
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
0.55
Exercise angina (Average)

IBM Cognos Analytics with Watson
New dashboarD FOR ... DISEASE
Search content
Edit
Line
Analytics
Filters
Serum Cholestrol Level vs Age
Cholesterol (Sum)
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
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


IBM Cognos Analytics with Watson
New dashboarD FOR ... DISEASE
Search content
Edit
Bar
Analytics
Filters
Max HR and Exercise angina by Heart Disease
Measures
Max HR
Exercise angina
Heart Disease
Absence
Presence
0 20 40 60 80 100 120 140 160 180 200 220
Values


IBM Cognos Analytics with Watson
New dashboarD FOR ... DISEASE
Search content
Edit
Bar
Analytics
Filters
Max HR and Heart Disease by Exercise angina
Measures
Max HR
Heart Disease
Exercise angina
0
1
0
20
40
60
80
100
120
140
160
180
200
220
Values

IBM Cognos Analytics with Watson
New dashboarD FOR ... DISEASE
Search content
Edit
Line
Analytics
Filters
BP by Age colored by Sex
Sex
0
1
BP (Sum)
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
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


IBM Cognos Analytics with Watson
New dashboarD FOR ... DISEASE
Search content
Edit
Bar
Analytics
Filters
EFFECT OF EXISTING HEART DISEASE ON AVERAGE OF EXERCISE ANGINA
Absence | 0
Absence | 1
Presence | 0
Presence | 1
Heart Disease - Exercise angina
0
20
40
60
80
100
120
140
160
Max HR (Average)

IBM Cognos Analytics with Watson
New dashboarD FOR ... DISEASE
Search content
Edit
Bar
Analytics
Filters
Average age for different types of chest pains in existing heart diseases
0 | 1
0 | 2
0 | 3
0 | 4
1 | 1
1 | 2
1 | 3
1 | 4
Sex - Chest pain type
0
5
10
15
20
25
30
35
40
45
50
55
60
65
Age (Average)