Sprint -3

BUILDING DASHBOARDS USING IBM COGNOS ANALYTICS

TEAM ID : PNT2022TMID18098
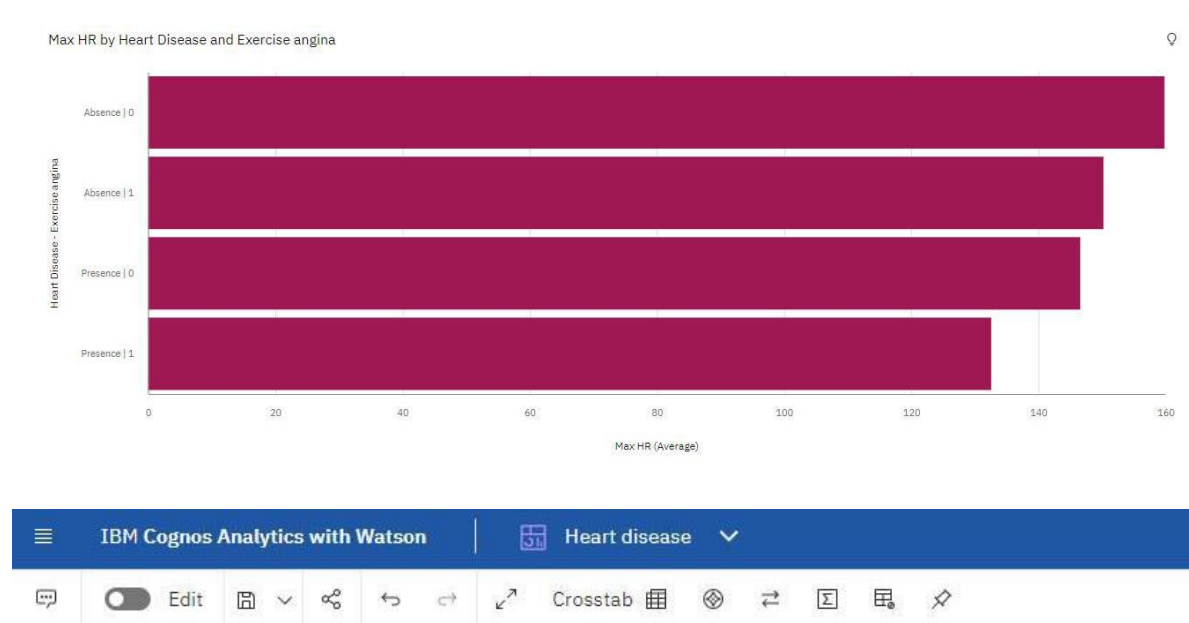**MEMBERS:**
      S.Dhanabhagya
      S.Sowmya
      P.Jayashree
      K.A.Pavithra

Max HR by Heart Disease and Exercise angina

IBM Cognos Analytics with Watson | Heart disease

Heart Disease for Chest pain type and Sex

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

Edit | Line 📈

Analytics 📈   Filters 🔽

Cholesterol by Age colored by Sex

Sex
● 0 ● 1

Cholesterol by Age

Cholesterol (Sum) — Age (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)

Edit | Bar

Analytics 📈   Filters 🔽

Max HR and Exercise angina by Heart Disease

Measures
● Max HR   ● Exercise angina

Heart Disease — Values (0, 20, 40, 60, 80, 100, 120, 140, 160)

Edit | Stacked column

Analytics 📈   Filters 🔽
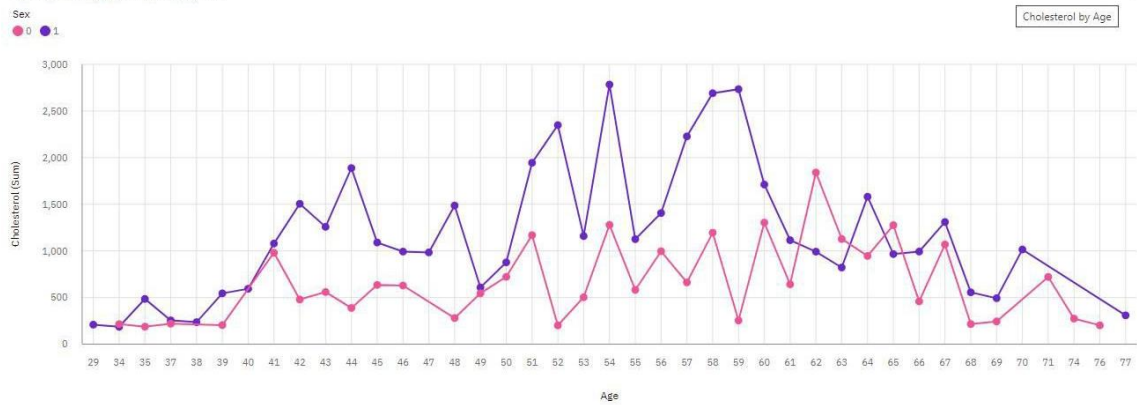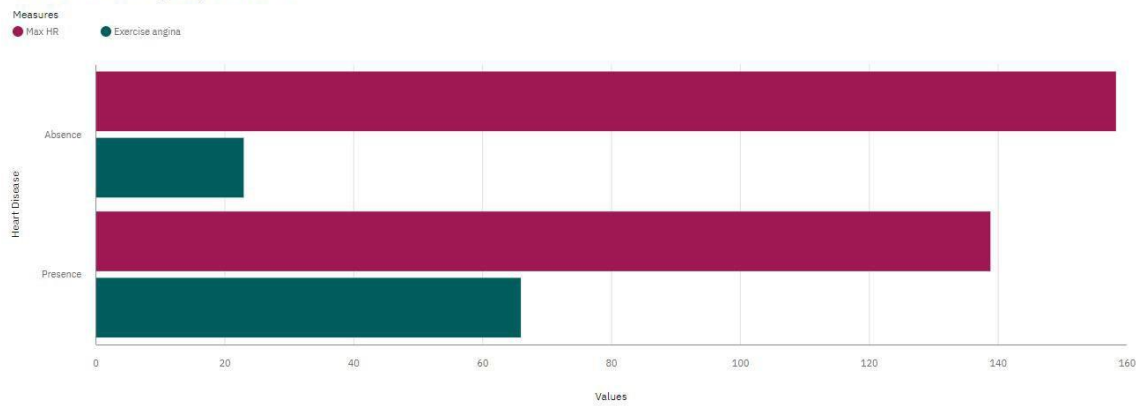
Age by Chest pain type and Sex colored by Heart Disease and Sex

Heart Disease - Sex (Sum)
● Absence | 0   ● Absence | 1   ● Presence | 0   ● Presence | 1

Age (Average) — Chest pain type - Sex (1|0, 1|1, 2|0, 2|1, 3|0, 3|1, 4|0, 4|1)

Exercise angina by Chest pain type colored by Sex

Sex (Sum)

18   94

Chest pain type (1, 2, 3, 4) vs Exercise angina (Average), x-axis: 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)

Serum Cholestrol Level vs Age

Cholesterol (Sum) y-axis: 0, 500, 1,000, 1,500, 2,000, 2,500, 3,000, 3,500, 4,000, 4,500

Age x-axis: 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

Max HR and Exercise angina by Heart Disease

Measures
● Max HR   ● Exercise angina

Heart Disease: Absence, Presence

Values x-axis: 0, 20, 40, 60, 80, 100, 120, 140, 160, 180, 200, 220

Max HR and Heart Disease by Exercise angina

Measures
● Max HR ● Heart Disease

Exercise angina axis: 0, 1

Values: 0, 20, 40, 60, 80, 100, 120, 140, 160, 180, 200, 220

BP by Age colored by Sex

Sex
● 0 ● 1

BP (Sum): 0, 200, 400, 600, 800, 1,000, 1,200, 1,400, 1,600, 1,800

Age: 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

EFFECT OF EXISTING HEART DISEASE ON AVERAGE OF EXERCISE ANGINA

Heart Disease - Exercise angina: Absence | 0, Absence | 1, Presence | 0, Presence | 1

Max HR (Average): 0, 20, 40, 60, 80, 100, 120, 140, 160

Average age for different types of chest pains in existing heart diseases

Sex - Chest pain type: 0 | 1, 0 | 2, 0 | 3, 0 | 4, 1 | 1, 1 | 2, 1 | 3, 1 | 4

Age (Average): 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65