

Medical Cost Predication Dashboard



Avg. Medical Cost

\$8.05K

Total patients

5000

Smoking %

24.42%

Max Medical Cost per Year

\$44.79K

Female
Male

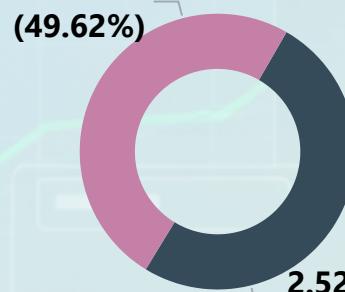
Rural
Semi-Urban
Urban

Gender

ge... ● Female ● Male

2.48K
(49.62%)

2.52K
(50.38%)



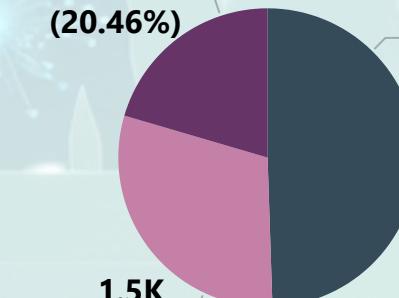
City type

city... ● Urban ● Semi-Ur... ● Rural

1.02K
(20.46%)

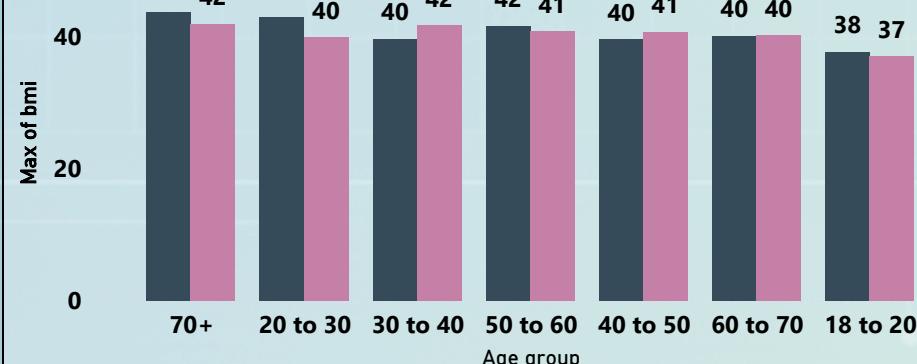
2.47K
(49.48%)

1.5K
(30.06%)



Avg. BMI by age group

gender ● Female ● Male

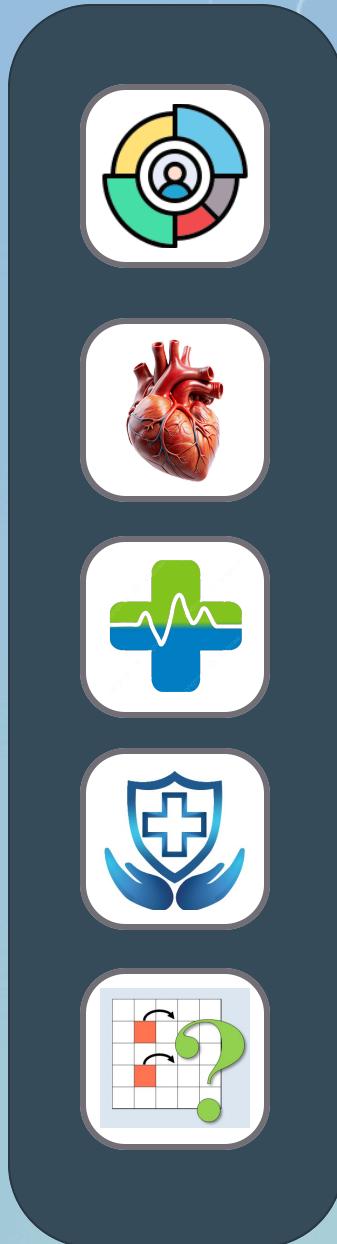


Avg. Cost by age group

gender ● Female ● Male



Medical Cost Predication Dashboard



Heart disease patients

711

Heart disease

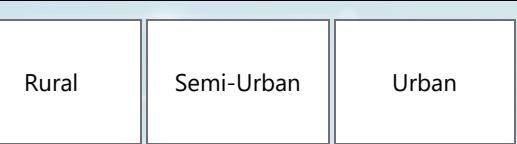
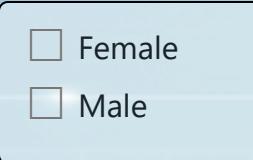
- No
- Yes

Avg Cost (Heart Disease)

10.16K

Heart disease %

14.2%

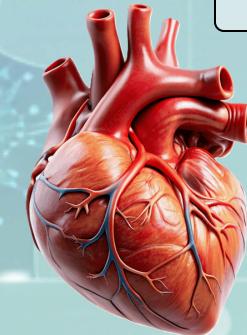
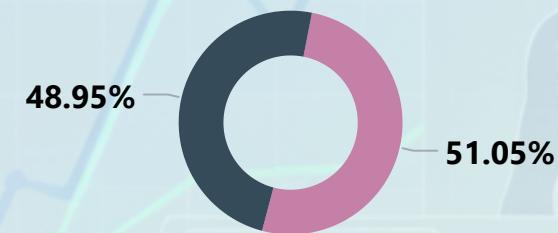


Physical Activity

- No
- Yes

Heart Disease by gender

gender ● Male ● Female



Medical Cost Comparison

● Avg Cost (Heart Disease) ● Avg Cost (No Heart Disease)

20K

15K

10K

5K

0K

7.7K

7.7K

10.2K

No
Yes

Heart Disease by Age group

heart_disease ● No ● Yes

70+

186

186

50 to 60

106

106

60 to 70

101

101

30 to 40

100

100

40 to 50

96

96

20 to 30

92

92

18 to 20

30

30

Age group

0 200 400

Heart diseases patients count

Heart Disease vs Smoking

4K

3K

2K

1K

0K

3.8K

1.2K

No

Yes

Smoking

Count of heart_disease

Medical Cost Predication Dashboard



Disease Prevalence

482

Asthma Patients

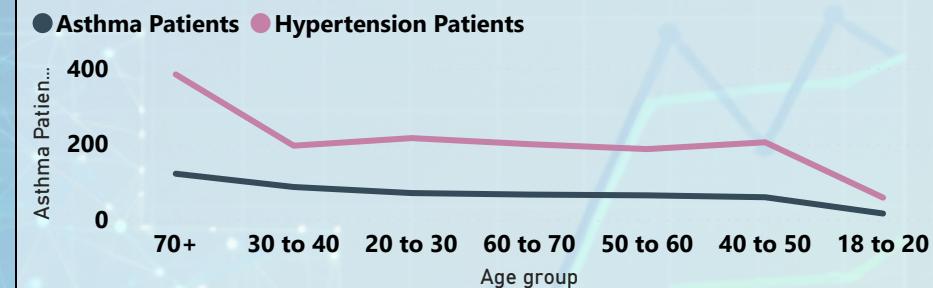
1440

Hypertension Patients

6.48

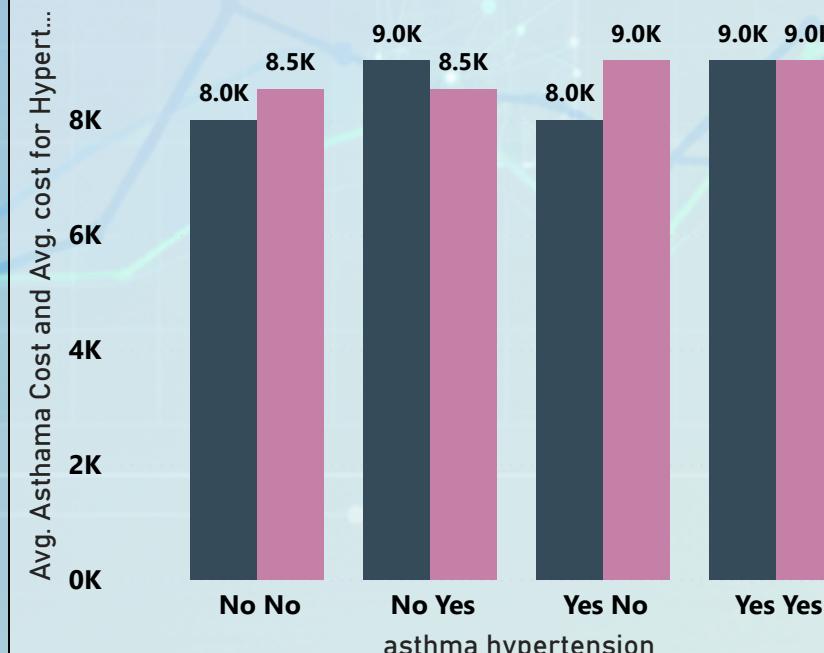
Avg. Sleep hours

Asthma and Hypertension Patients by Age group



Medical Cost by Disease Status

● Avg. Asthma Cost ● Avg. cost for Hypertension



hypertension

Yes

asthma

Yes

avg medical cost
8,048.89

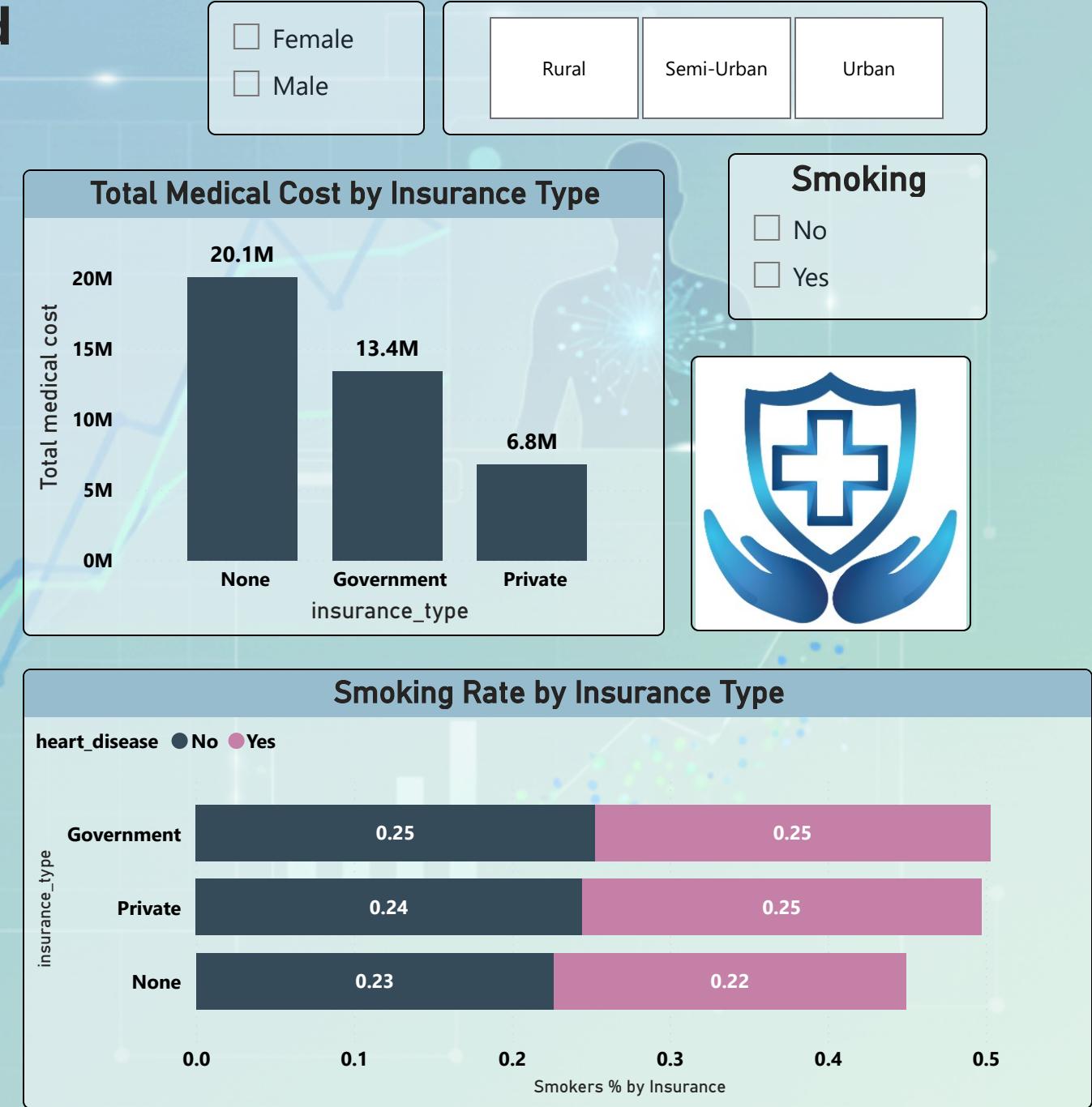
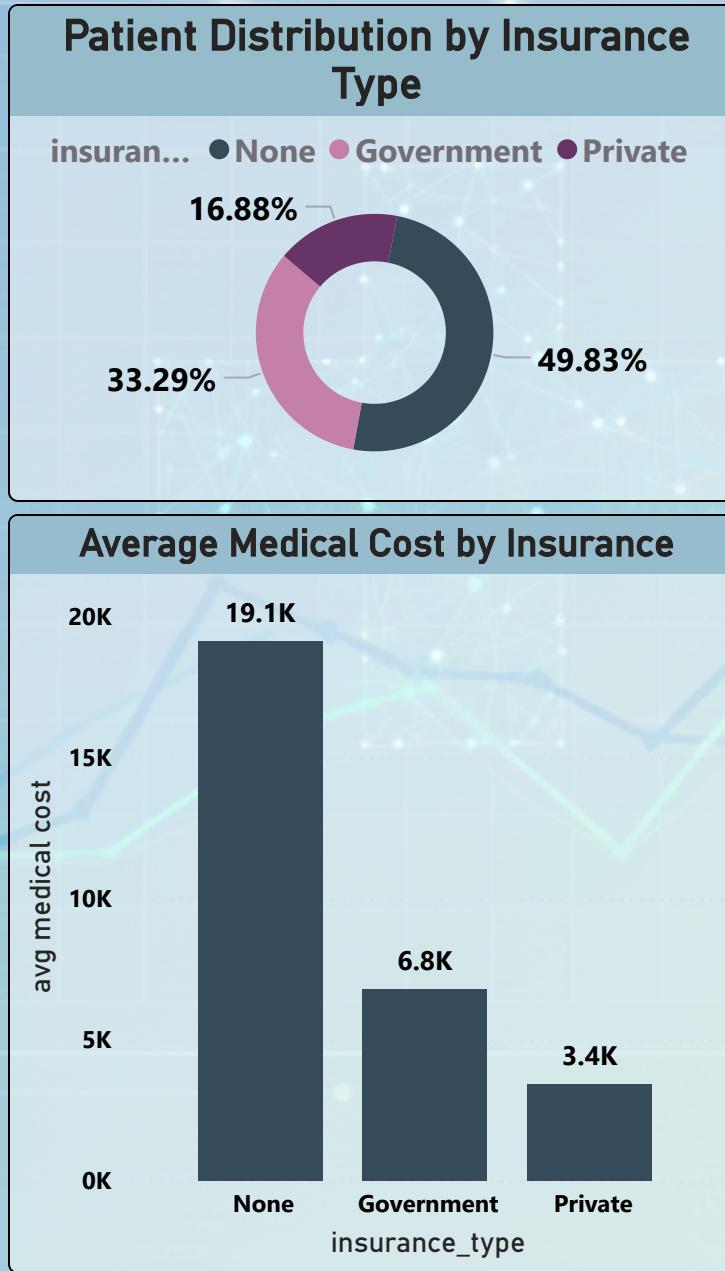
Yes
8,570.56

No
7,837.87

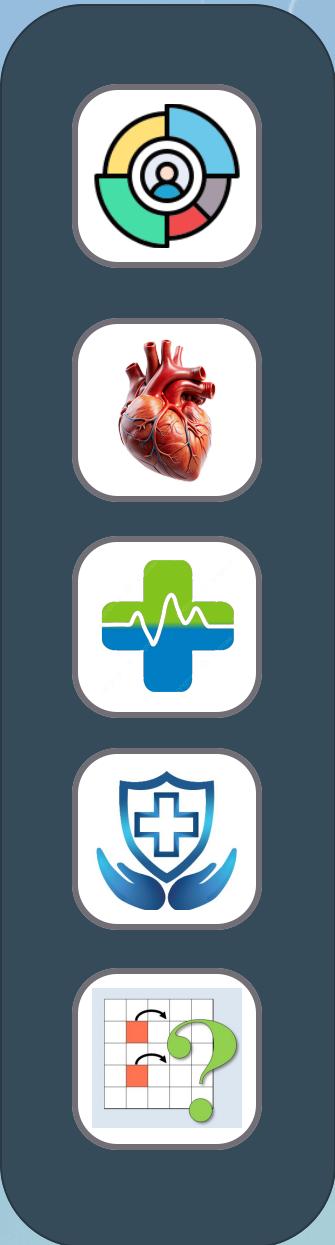
Yes
9,020.03

No
8,530.81

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Smoking Reduction %

0

Heart Disease Reduction %

0

Cost Adjustment %

-20

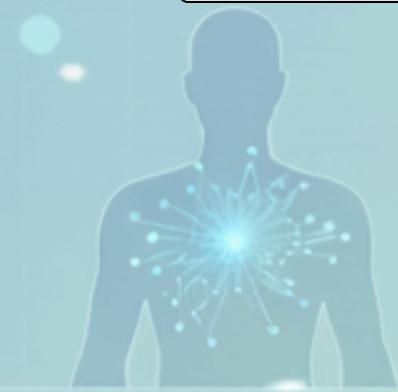
Adjusted Medical Cost

32.20M

- Female
- Male

Age Group

- 18 to 20
- 20 to 30
- 30 to 40
- 40 to 50
- 50 to 60
- 60 to 70
- 70+



Total medical Cost

40.24M

Estimated Cost Savings

8.05M

Estimated Cost Savings

Risk Reduction Impact

1.00!

Goal: 711.00 (-99.86%)