

Data Analytics

healthCareDiabetes

Search

### Tables

=Abc Age Range

=Abc IsDiabetic

Abc Measure Names

- # Age
- # Blood Pressure
- # BMI
- # Diabetes Pedigree Function
- # Glucose
- # Insulin
- # NoOfRows
- # Outcome
- # Pregnancies
- # Skin Thickness
- # healthCareDiabetes.csv (...)
- # Measure Values

Pages

Filters

Marks

Automatic

Color Size Label

Detail Tooltip Shape

Insulin

Skin Thickness

Blood Pressure

Pregnancies

Outcome

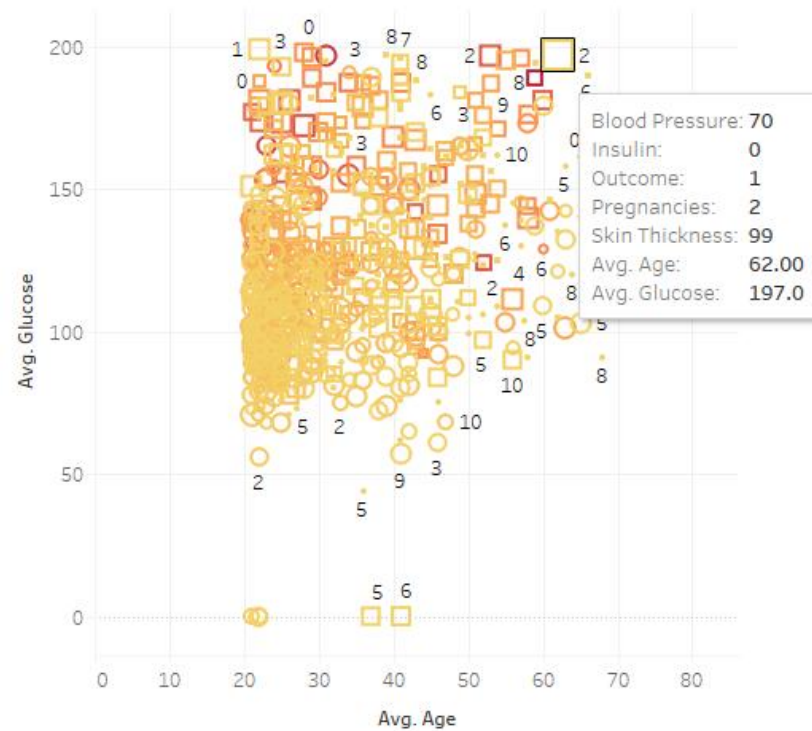
Columns

AVG(Age)

Rows

AVG(Glucose)

### Scatter Plot



Skin Thickness

- 0
- 20
- 40
- 60
- 80
- 99

Outcome

- 0
- 1

Insulin



Data Source

Donut Chart

Scatter Plot

Age-BMI Hist

Heatmap

Age-BP

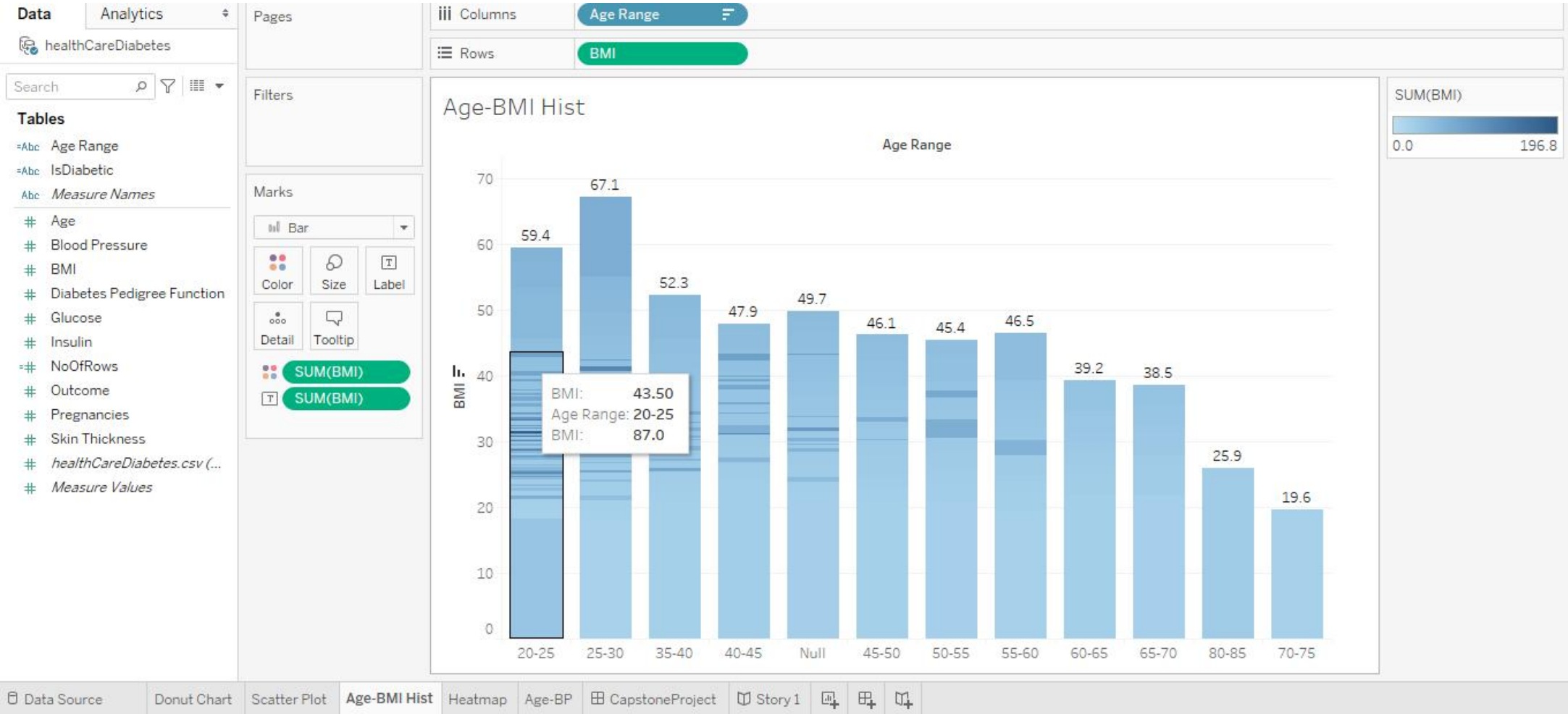
CapstoneProject

Story 1

+

+

+



Age-BMI Hist

Age Range

59.4

67.1

52.3

47.9

49.7

46.1

45.4

46.5

39.2

38.5

25.9

19.6

20-25

25-30

35-40

40-45

Null

45-50

50-55

55-60

60-65

65-70

80-85

70-75

SUM(BMI)

0.0

196.8

Data Source

Donut Chart

Scatter Plot

Age-BMI Hist

Heatmap

Age-BP

CapstoneProject

Story 1

## Tables

=Abc Age Range

```
=Abc  IsDiabetic
```

Abc *Measure Names*

# Age

### # Blood Pressure

# BMI

### # Diabetes Pedigree Function

# Glucose

## # Insulin

```
=# NoOfRows
```

### # Outcome

## # Pregnancies

# Skin Thickness

```
# healthCareDiabetes.csv (...)
```

### # Measure Values

Pages

### Filters

## Measure Names

Age Range

Marks

□ Square

Color      Size      Label

Detail    Tooltip

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Measure Values

AVG(BMI)

AVG(Blood Pressure)

AVG(Glucose)

AVG(Insulin)

AVG(Pregnancies)

AVG(Skin Thickness)

### iii Columns

Age Range

Rows

## Measure Names

## Diabetes HeatMap

	Age Range									
	20-25	25-30	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75
Avg. BMI	30.4	33.0	33.1	35.3	32.9	31.8	30.2	29.9	27.5	19.6
Avg. Blood Pressure	63.8	68.0	72.3	73.3	77.9	81.9	77.5	76.0	80.7	0.0
Avg. Glucose	110.7	120.3	127.5	125.1	124.5	143.2	138.3	136.4	139.0	119.0
Avg. Insulin	84.3	84.3	61.3	56.7	67.6	109.9	149.5	26.4	0.0	0.0
Avg. Pregnancies	1.5	2.8	6.0	7.1	7.3	6.4	6.7	4.7	4.9	2.0
Avg. Skin Thickness	22.0	21.3	21.2	18.9	20.4	16.3	18.7	20.0	1.6	0.0

Measure Values

0.0

149.5

