# Health_care

## Pie chart

268
Dibetic

500
Non_Dibetic

## Histogram_1



## Hist_2

Insulin

## Hist_3

## Hist_4

## Scatter_ Plot



## Bubble_chart

35
Age Count: 73

40
Age Count: 74

45
Age Count: 44

20
Age Count: 219

25
Age Count: 177

50
Age Count: 35

55
Age Count: 22

80
Age Count: 130

65
Age Count: 16

60

Age Count: 92

Age Count: 13

Age Count: 2

## Correlation Heatmap

|  | Pregnancies | Glucose | BloodPressure | SkinThickness | Insulin | BMI | DiabetesPedigreeFunction | Age | Outcome |
|---|---|---|---|---|---|---|---|---|---|
| Pregnancies | 1.00 | 0.13 | 0.14 | -0.08 | -0.07 | 0.02 | -0.03 | 0.54 | 0.22 |
| Glucose | 0.13 | 1.00 | 0.15 | 0.06 | 0.33 | 0.22 | 0.14 | 0.26 | 0.47 |
| BloodPressure | 0.14 | 0.15 | 1.00 | 0.21 | 0.09 | 0.28 | 0.04 | 0.24 | 0.07 |
| SkinThickness | -0.08 | 0.06 | 0.21 | 1.00 | 0.44 | 0.39 | 0.18 | -0.11 | 0.07 |
| Insulin | -0.07 | 0.33 | 0.09 | 0.44 | 1.00 | 0.20 | 0.19 | -0.04 | 0.13 |
| BMI | 0.02 | 0.22 | 0.28 | 0.39 | 0.20 | 1.00 | 0.14 | 0.04 | 0.29 |
| DiabetesPedigreeFunction | -0.03 | 0.14 | 0.04 | 0.18 | 0.19 | 0.14 | 1.00 | 0.03 | 0.17 |
| Age | 0.54 | 0.26 | 0.24 | -0.11 | -0.04 | 0.04 | 0.03 | 1.00 | 0.24 |
| Outcome | 0.22 | 0.47 | 0.07 | 0.07 | 0.13 | 0.29 | 0.17 | 0.24 | 1.00 |

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