Medical Screening Data - COMPANY A

Total Members
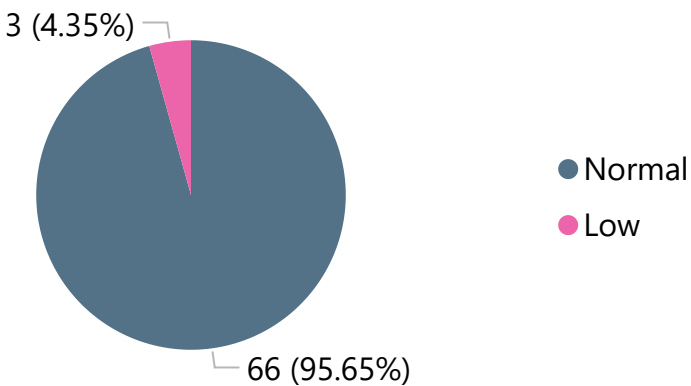**69**

Male
42

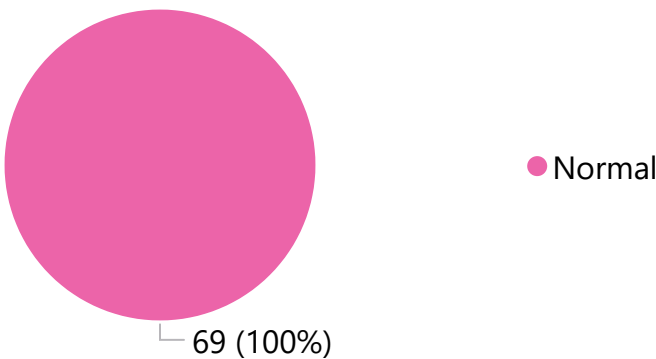**Female**
27

Age Group ▲	Count Age	Avg Height(M)	Avg Weight (Kg)	Avg BMI	Avg PR	Avg RBS	Avg BP
20	22	1.66	68.62	24.83	75.41	81.59	118.55
30	19	1.68	81.89	29.04	74.05	89.32	127.05
40	24	1.68	80.34	28.24	70.17	92.46	139.50
50	4	1.67	75.00	26.94	76.75	98.75	150.25

SEX	Count Age	Avg Height(M)	Avg Weight (Kg)	Avg BMI	Avg PR	Avg RBS ▼	Avg BP
Male	42	1.71	78.34	26.87	71.81	88.69	134.90
Female	27	1.63	74.21	27.97	75.59	88.19	122.41

Pulse Rate Distribution

3 (4.35%)
66 (95.65%)
● Normal ● Low

Random Blood Sugar

69 (100%)
● Normal

Gender Vs BMI
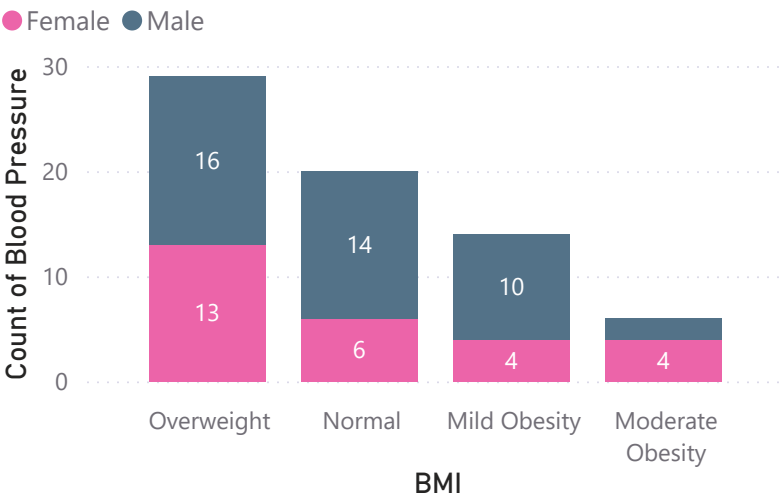
● Female ● Male

Gender Vs Blood Pressure

● Female ● Male

Age Vs Blood Pressure

● High Blood Pressure ● Low Blood Pressure ● Normal

Age Vs BMI

● Mild Obesity ● Moderate Obesity ● Normal ● Overweight
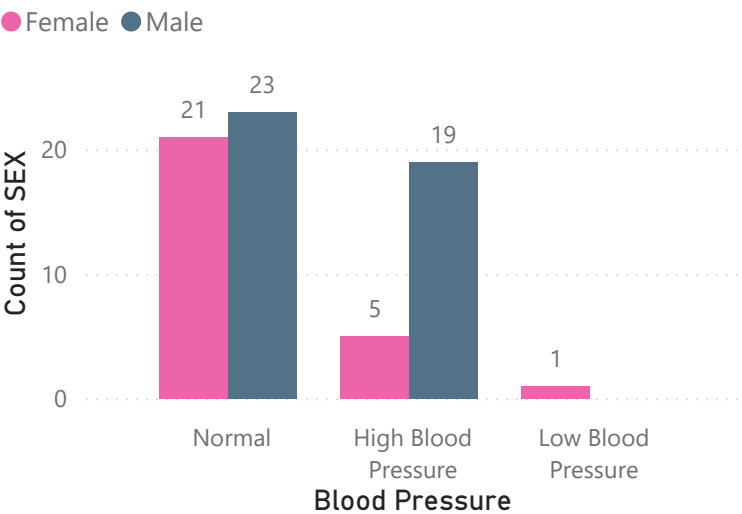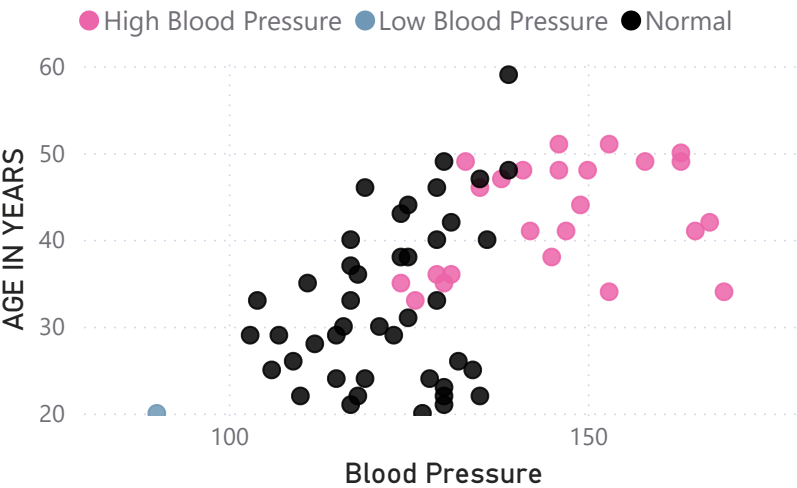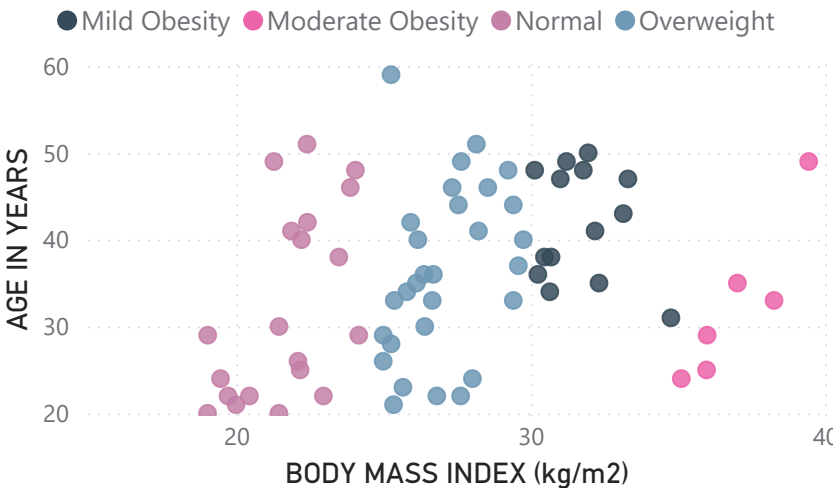
OBSERVATIONS

- A Total of 69 members underwent medical screening, out of which 42 (61%) were male and 27 (39%) were female.
- The features measured were Weight, Height, BMI, Pulse Rate (PR), Random Blood Sugar (RBS), and Blood Pressure.
- Based on the table, Males have a slightly higher average height of **1.71m** compared to females with **1.63m,** as well as higher average weight of **78.34** compare to females **74.21**. However, Females have a higher average BMI of **27.97** than Males **26.87**. Overall, Males had a higher blood pressure of **(134.90)** compared to females with **(122.41)**.
- It is observed that mid age group of **(30-49)** have a higher average BMI of **(29.04 and 28.24)** compared to young and older age group **(24.83 and 26.94)** respectively.
- **95.65%** of the members have a normal Pulse Rate while only **4.35%** have a low pulse rate.
- All members have a **Normal** Random Blood Sugar.
- Despite males having a **lower** average BMI, the column chart displays a higher number of males in Overweight and Mild Obesity category compared to females.
- For Blood Pressure, 19 males have High Blood Pressure compared to 5 females.
- The table chart and Scatter plot show that Blood Pressure increases with Age. The older age group **(40 and 50)** is seen to have a higher Blood Pressure of **(139.50 and 150.25)** compared to the younger age group **(20 and 30)** with **(118.55 and 127.05)** Blood Pressure respectively.
- However, in comparison to Age and BMI, there is **no positive correlation**. All age groups fall within the Overweight to Moderate Obesity.