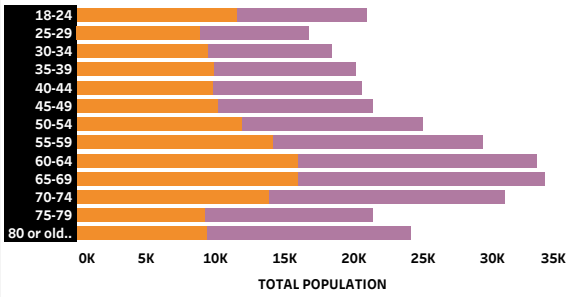
HEART DISEASE DASHBOARD

SEX: All | HEART DISEASE: All | HEALTH: All

SEX: Female, Male

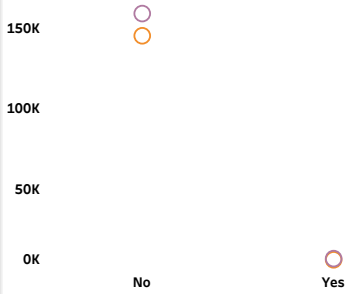
AGE DISTRIBUTION



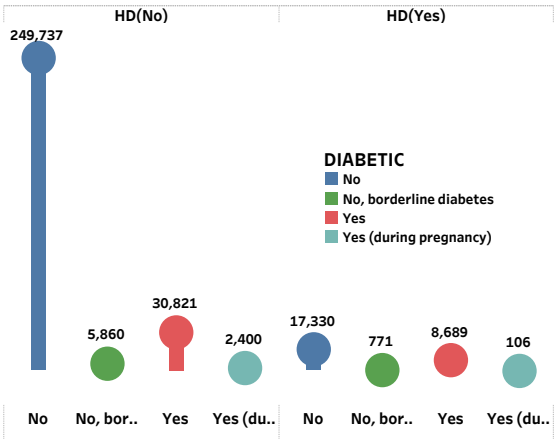
WALKING DIFFICULTY

Diff Walking	Sex: Female	Sex: Male
No	139,331	133,825
Yes	25,800	16,758

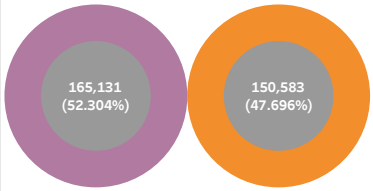
STROKE



DIABETES



GENDER DISTRIBUTION



GENERAL HEALTH

Story 1

INTRODUCTION I'LL KEEP IT SIMPLE !!!!!!!	INSPIRATION AND DATASET	AGE DISTRIBUTION BASED ON GENDER	GENDER DISTRIBUTION ACROSS DATASET	DIABETES	G. .

HEART DISEASE ANALYSIS FOR PREDICTION

DATA VISUALIZATION
WORKBOOK PRESENTATION BY
AJAY RAJ SINGH

IN ASSOCIATION WITH
SAINT PETER'S UNIVERSITY

Story 1

ENCOUNTERING THE PROBLEM?

CENTER FOR DISEASE CONTROL AND PREVENTION

WHAT VARIABLES??

WHY THESE VARIABLES??

HOW WILL IT HELP???

Story 1

INTRODUCTION
I'LL KEEP IT SIMPLE !!!!!!!

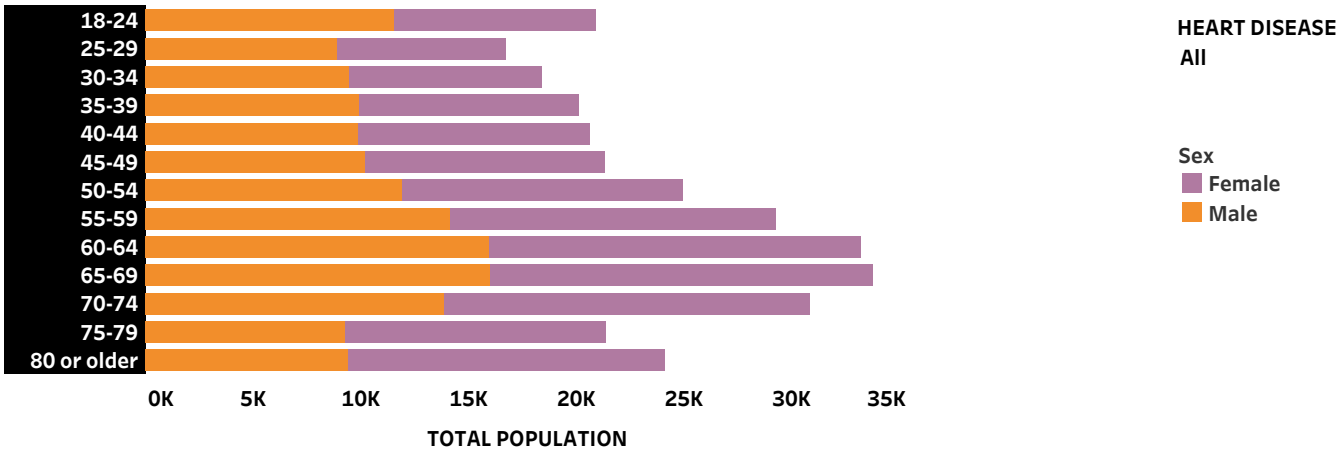
INSPIRATION
AND DATASET

AGE DISTRIBUTION
BASED ON GENDER

GENDER DISTRIBUTION
ACROSS DATASET

DIABETES

G.
.

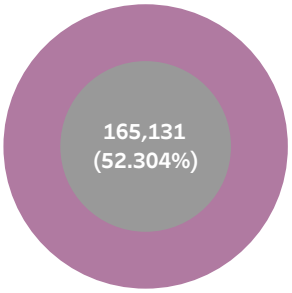


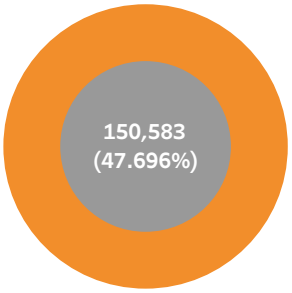
We analyzed the dataset to understand the distribution of male and female populations across various age groups, aiming to assess variability. Our findings indicate that all variables have ample data aligned in a balanced manner, mitigating the risk of bias in predictions.

Story 1

INSPIRATION AND DATASET | AGE DISTRIBUTION BASED ON GENDER | GENDER DISTRIBUTION ACROSS DATASET | DIABETES | GENERAL HEALTH | S ..

The distribution analysis highlighted that the acquired dataset exhibits a roughly equivalent distribution between male and female populations.





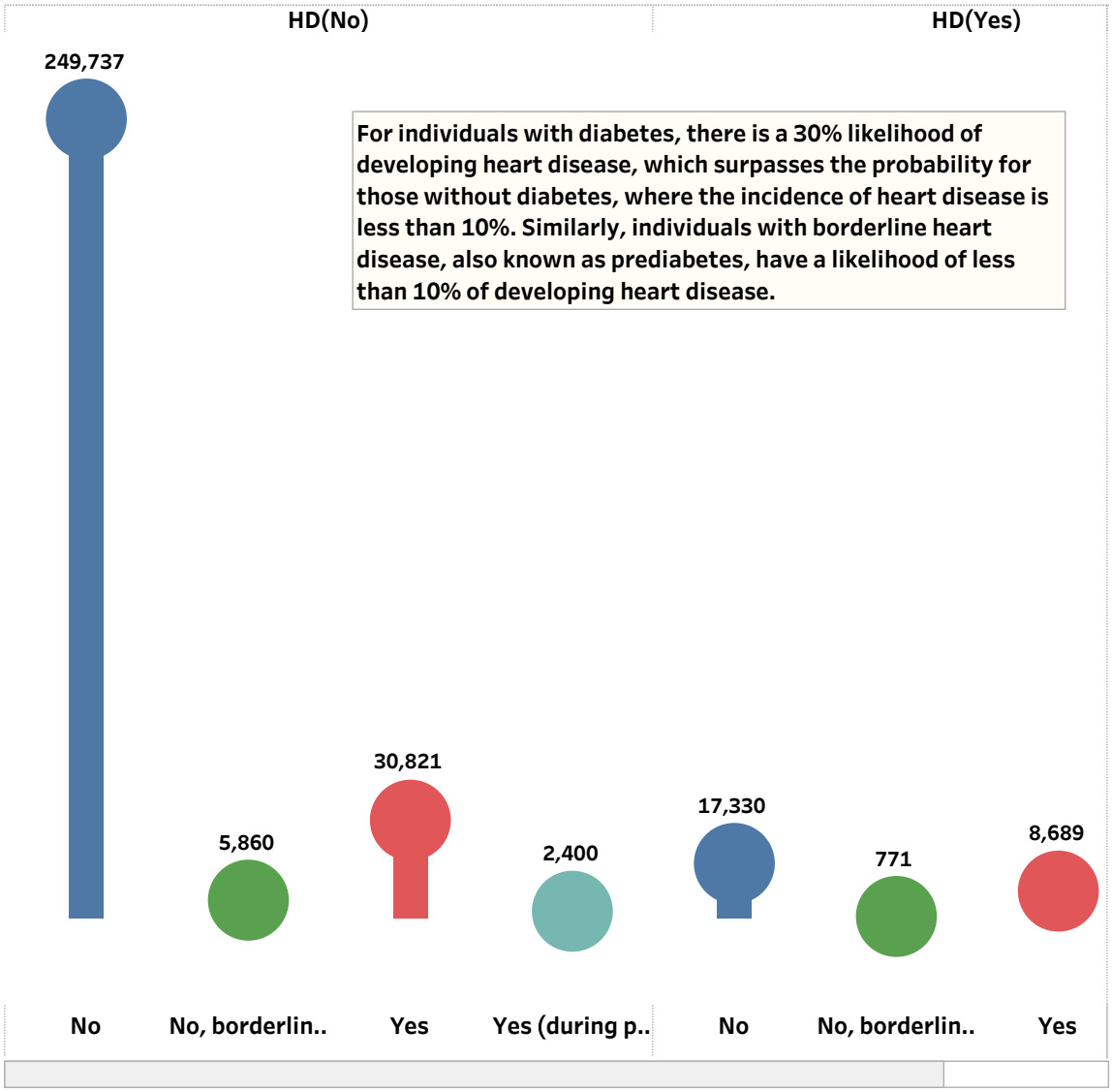
Gen Health
- ☑ Excellent
- ☑ Fair
- ☑ Good
- ☑ Poor
- ☑ Very good

Heart Disease
- ☑ HD(No)
- ☑ HD(Yes)

Sex
- Female
- Male

Story 1

AGE DISTRIBUTION BASED ON GENDER | GENDER DISTRIBUTION ACROSS DATASET | DIABETES | GENERAL HEALTH | STROKE | H ..



Story 1

A. .	GENDER DISTRIBUTION ACROSS DATASET	DIABETES	GENERAL HEALTH	STROKE	HOW YOU WALKIN???

The revelation that individuals with heart disease predominantly reported feeling 'good' or 'fair', outnumbering those who felt 'very good' by threefold, is illuminating. It underscores the potential significance of one's subjective feelings in determining the likelihood of heart disease.

Sex

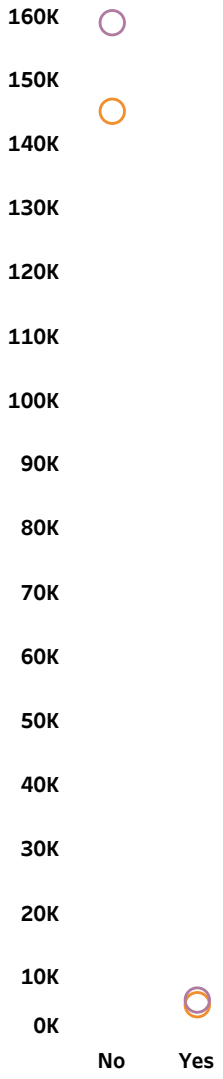
- ✔ **Female**
- ✔ **Male**

Heart Disease

- ✔ **HD(No)**
- ✔ **HD(Yes)**

Story 1

A. .	GENDER DISTRIBUTION ACROSS DATASET	DIABETES	GENERAL HEALTH	STROKE	HOW YOU WALKIN???



About one-third of the population who had a stroke also had heart disease, indicating that if someone has experienced a stroke, their likelihood of having heart disease is three times higher compared to those who haven't had a stroke, with the latter standing at less than 8%.

HEART DISEASE
- ✓ HD(No)
- ✓ HD(Yes)

SEX
- Female
- Male

Story 1

A. .	GENDER DISTRIBUTION ACROSS DATASET	DIABETES	GENERAL HEALTH	STROKE	HOW YOU WALKIN???

	Sex	
Diff Walking	**Female**	**Male**
No	**139,331**	**133,825**
Yes	**25,800**	**16,758**

Females with heart disease are having more difficulty in walking in comparison to Male population.

Sex
- ✔ **Female**
- ✔ **Male**

Heart Disease
- ✔ **HD(No)**
- ✔ **HD(Yes)**