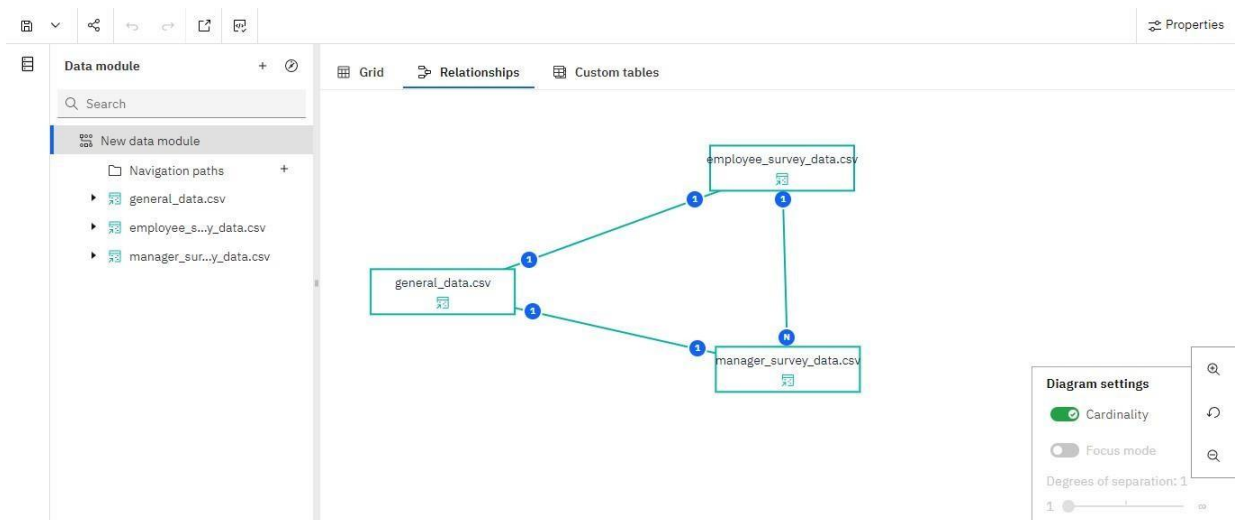


# EDA - Exploratory Data Analytics

Date	16 November 2022
Team ID	PNT2022TMID29044
Project Name	Project – Corporate Employee Attrition Analysis

**Common Relationship between the given 3 datasets :**



## Explore – Data relationship

### Age

#### Explore data relationships

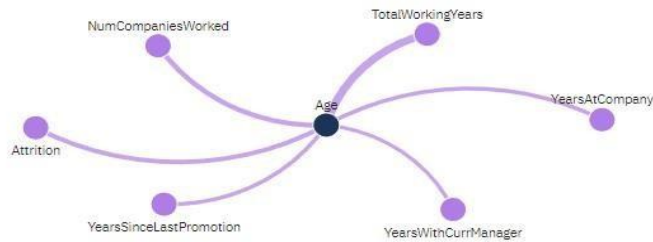
Employee Attrition Data Preparation

[Reset to original](#)

Q Age

×

Edit diagram ▾



Relationship diagram ⓘ

10%

100%

#### Select a visualization

Explore visualizations related to 'Age'

Age

36.924

Age

Add +

Age



Add +

### Attrition

#### Explore data relationships

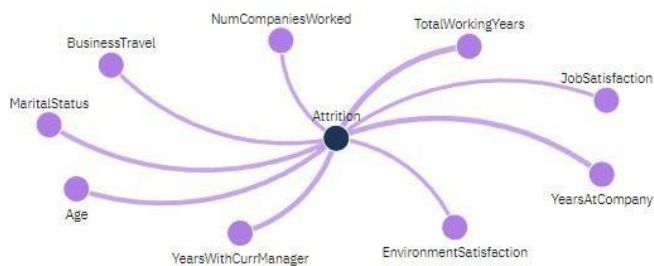
Employee Attrition Data Preparation

[Reset to original](#)

Q Attrition

×

Edit diagram ▾



Relationship diagram ⓘ

10%

100%

#### Select a visualization

Explore visualizations related to 'Attrition'

Attrition

Attrition

No

Yes

Add +

MonthlyIncome and YearsAtCompany by Attrition



Add +

## Marital Status

### Explore data relationships

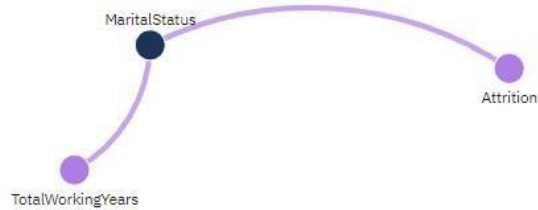
Employee Attrition Data Preparation

[Reset to original](#)

🔍 MaritalStatus

×

Edit diagram ▾



Relationship diagram ⓘ

10% —●— 100%

### Select a visualization

Explore visualizations related to 'MaritalStatus'

MaritalStatus

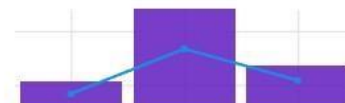
MaritalStatus

Divorced

Married

Add +

MonthlyIncome and  
YearsSinceLastPromotion by MaritalSt...

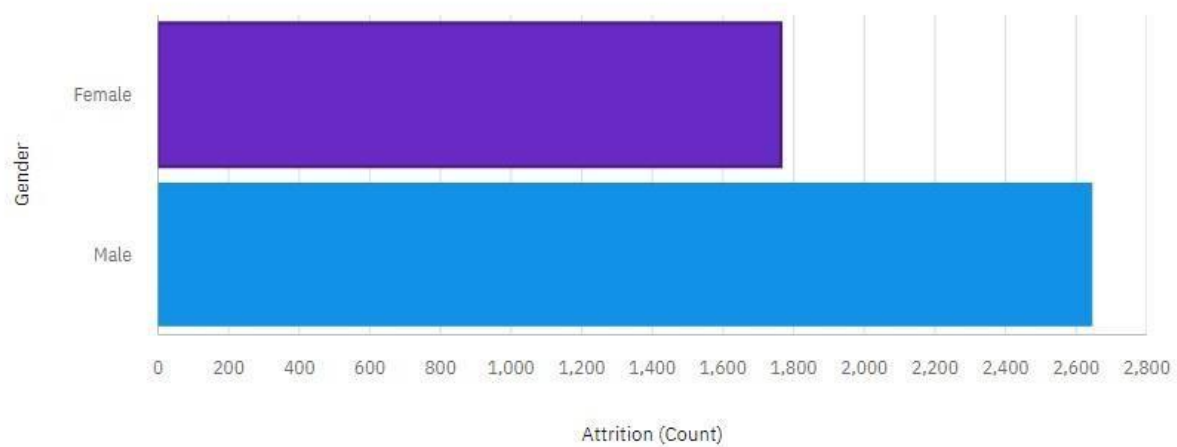


## Data Explorations

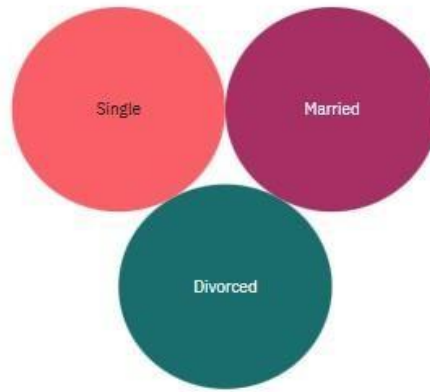
### Attrition by Gender colored by Gender

Gender

● Female ● Male



### MaritalStatus colored by MaritalStatus sized by Attrition



### BusinessTravel colored by BusinessTravel sized by Attrition



Gender and DistanceFromHome with Attrition and Attrition for Attrition

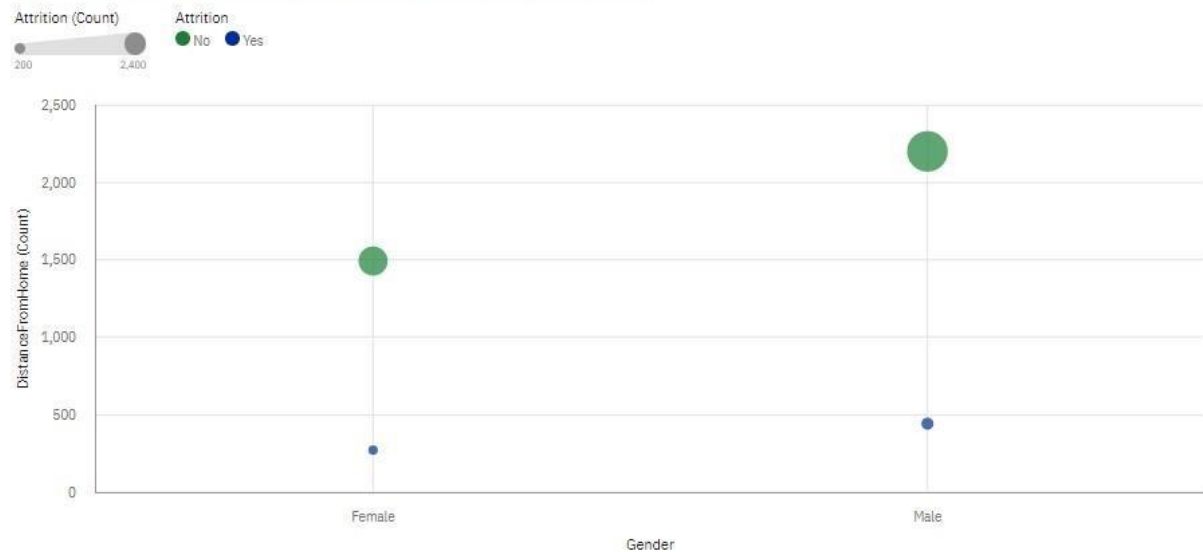


Chart A

Attrition by Department colored by Department



Chart B

Attrition by JobRole colored by JobRole



Summary	Chart A : Attrition	Chart B : Attrition	Combined
Chart percent of data set	100%	100%	-
Chart percent displayed	50%	50%	-
Average	1,470	490	-
Chart total	4,410	4,410	-
Difference of chart totals			-