1. Load the dataset and switch off Auto detect datatype

2. in Power Query change 32 columns datatypes in sequence.

3. #E8E1F9 Canvas background

DAX :

Attrition =

CALCULATE(COUNT(HRDataset\_v14[EmpID]),FILTER(HRDataset\_v14,HRDataset\_v14[Attition]=0))

Attriton % = DIVIDE([Attrition],[Headcount],0)

Avg age = AVERAGE(HRDataset\_v14[Age])

AVG SALARY = AVERAGE(HRDataset\_v14[Salary])

Cummulative Headcount =

                        VAR last\_date = LASTDATE(HRDataset\_v14[DateofHire])

                            RETURN

                                CALCULATE(

                                    [Headcount],

                                    ALL(HRDataset\_v14[DateofHire]),

                                    HRDataset\_v14[DateofHire] <= last\_date

                                )

Headcount = COUNT(HRDataset\_v14[EmpID])

Conditional Columns:

Age = DATEDIFF(HRDataset\_v14[DOB],TODAY(),YEAR)

Age Bucket =

                SWITCH(

                    TRUE(),

                    HRDataset\_v14[Age] >= 18 && HRDataset\_v14[Age] <= 25, "18-25",

                    HRDataset\_v14[Age] >= 26 && HRDataset\_v14[Age] <= 35, "26-35",

                    HRDataset\_v14[Age] >= 36 && HRDataset\_v14[Age] <= 45, "36-45",

                    HRDataset\_v14[Age] >= 46 && HRDataset\_v14[Age] <= 55, "46-55",

                    HRDataset\_v14[Age] >= 56, "55+"

                )

Attition =

if(HRDataset\_v14[EmploymentStatus]="Active",1,0)

4. KPIs : Headcount = Count(EMP ID)

4. KPIS: Attrition

Create a new columns with Emp status.

New Columns = if (status) = 'Active' , 1,0)

5. Attrition = cal(count(EMPID),filter(table name, attitioon =0))

6. Add into the card visual for attrition.

7. Average salary = average(salary)

8. Average Age ? No age column, Create Cal Column Find out age based on DOB

datediff(hR(DOB) - today())

9. Group The age in calculated Column

10. 1) Clustered Bar chart : Department wise Headcount

2) Donut chart: Age grouping :

Age Bucket =

SWITCH(

TRUE(),

HRDataset\_v14[Age] >= 18 && HRDataset\_v14[Age] <= 25, "18-25",

HRDataset\_v14[Age] >= 26 && HRDataset\_v14[Age] <= 35, "26-35",

HRDataset\_v14[Age] >= 36 && HRDataset\_v14[Age] <= 45, "36-45",

HRDataset\_v14[Age] >= 46 && HRDataset\_v14[Age] <= 55, "46-55",

HRDataset\_v14[Age] >= 56, "55+"

)

3) Stacked Column chart : Headcount by martial status and legend by gender

4)Line chart: Date of Hire by Headcount along with cumulative headcount

Cummulative Headcount =

VAR last\_date = LASTDATE(HRDataset\_v14[DateofHire])

RETURN

CALCULATE(

[Headcount],

ALL(HRDataset\_v14[DateofHire]),

HRDataset\_v14[DateofHire] <= last\_date

)

5) Line chart: Attrition by date of hire

6) Headcount by Recruitemetn Source: Bar chart

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Now work on adding Slicers on top : 5 Slicers

Department,

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Formating Cards:

80 / 225 || 21 ,10 || Effects: background , shadow, corner radius 8

Formating bar charts:

250 height, X,Y Title off, Effects background, shadow, corder radius 8 and format

View :

Color 1: #996CD6

Color 2: #5ECBC8

Color 3: #8183fe

Background Title: #D6C4EF

and format all the Slicers