

- 1>>Data and information visualization.
- 2>>HR Analytics.
- 3>>Demography & Performance.
- 4>>Figma: The Collaborative Interface Design Tool.
- 5>>New Design File.
- 6>>Canvas Power BI.
- 7>>Canva Settings>>H:720px&W:1280px.
- 8>>Rectangle>>Layout>>W:1280&H:720.
- 9>>Press Windows logo key+Shift+S.
- 10>>Windows Search>>Snip & Sketch>>New.
- 11>>Adobe Extract Color.
- 12>>Drag and Drop>>Screenshot.
- 13>>Color Theme>>Coolors -
The super fast color palettes generator!.
- 14>>AI Color is a Palette Generator.
- 15>>AI Color is a Palette Generator -
Browse, Edit and Visualize.
- 16>>Ractange>>Fill>>Custom>>Gradient>>Linear
>>A تحديد درجة اللون.
- 17>>Copy history color window>>{Press Windows Logo
Key + V}.
- 18>>Control-C & Control-V.
- 19>>Shift>>Select>>W:-1030.
- 20>>2-Shapes>>Right Click>>Group Selection.
- 21>>Flaticon>>Search>>Filters>>Flaticon Gradient.
- 22>>Power BI Theme Generator.

23>>Power BI Theme Generator.

24>>Conclusion Video One.

1>>Power BI Theme Generator>>Power BI Theme Generator: BIBB>>Upload Image>>Create JSON Theme>>Download Base Template.

2>>Figma: The Collaborative Interface Design Tool.

Figma: أداة تصميم الواجهة التعاونية

3>>Color theme from image | Adobe Color.

>>>Color theme from image | Adobe Color.

4>>AI Color is a Palette Generator - Browse, Edit & Visualize.

>>>AI Color is a Palette Generator - Browse, Edit & Visualize.

[illegible]

1. Page layout تخطيط الصفحة

2.Custom Icon >> Flaticon.

3.Color Theme >> Coolors & AI Color is a Palette Generator & Adobe Color: Color Palette Generator.

[illegible]

4.how get KPIs.

5.Power BI KPI and Metrics.

6.ChatGPT Use Generative AI.

7.Data Analysis Expressions (DAX).

[illegible]

8.Calculate Measures Using DAX

Data Analysis Expressions.

[illegible]

1>>Power BI Browse For Themes.

2>>Chatgpt:-Ask Chatgpt.

I have a case study for HR. I just want to make some analysis on it so please can you help me extract the most important KPIs from the data.

3>>Chatgpt:-Ask Chatgpt.

I have three tables that are gonna give you column names for each.

—>>Excel>>Tables Headers.

1.Department Manager>>table1.

2.ID PerformanceReview City LastPromotionDate
Salary OverdueVacation>>table2.

3.ID Employee Gender BirthDate HireDate TerminationDate TerminationReason Education Position Department>>table3.

[illegible]

Based on the data you provided:

- **Total Active Customers in 2023: 8068**
- **Total Active Customers in 2024: 4247**
- **New Customers in 2024: 2801**
- **Existing Customers in 2024: 1446**

We can analyze and calculate key metrics like customer retention rate and customer churn rate.

1. Customer Retention Rate

This measures the percentage of customers retained from the previous year.

Retention Rate (%) = $\frac{\text{Existing Customers in 2024}}{\text{Total Active Customers in 2023}} \times 100$

Retention Rate (%) = $\left(\frac{\text{Existing Customers in 2024}}{\text{Total Active Customers in 2023}} \right) \times 100$

Retention Rate

(%) = $(1446 / 8068) \times 100 = 17.93\%$

= $\left(\frac{1446}{8068} \right) \times 100 = 17.93\%$

2. Customer Churn Rate

This measures the percentage of customers lost compared to the previous year.

Churn Rate (%) = $100 - \text{Retention Rate (\%)}$

Churn Rate (%) = $100 - \text{Retention Rate (\%)}$

Churn Rate (%) = $100 - 17.93 = 82.07\%$

Churn Rate (%) = $100 - 17.93 = 82.07\%$

3. Net New Customers

This measures the change in the total active customers from 2023 to 2024.

Net New Customers=Total Active Customers in 2024–Total Active Customers in 2023\text{Net New Customers} = \text{Total Active Customers in 2024} - \text{Total Active Customers in 2023} Net New Customers=4247–8068=–3821\text{Net New Customers} = 4247 - 8068 = -3821

Summary:

- **Retention Rate: 17.93%**
- **Churn Rate: 82.07%**
- **Net New Customers: -3821**

This suggests a significant loss of active customers from 2023 to 2024. While new customers were acquired, the retention of existing customers was low.

- 1>>Stakeholders get the most important information.
- 2>>Demographic analysis.
- 3>>employee turnover rate.

[illegible]

- A. مشاريعك DAX راجعA>1**
2>>Employee turnover rate =

**Var Employee Turned =
CALCULATE(DISTINCTCOUNT('Employee (Dim)'[ID]),
'HR(FACT)'[Termination Date] <> BLANK())**

```
Var TotalEmp = DISTINCTCOUNT('Employee  
(Dim)'[ID])
```

Return DIVIDE(EmployeeTurned, TotalEmp)

[illegible]

Total Employee = DISTINCTCOUNT('Employees (Dim)'[ID])

>>>>>>>>>>>>>>>>><<<<<<<<<<<<<<<<<<

Salary (AVG) = AVERAGE('Employees (Dim)'[Salary])

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Alignment.

Buttons >> Page Navigator.

Summary Page.

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