

1>>CUSTOMER CHURN ANALYSIS PROJECT.

2>>Calculate number of employees:-

#Customer = COUNT(telecom_customer_churn[Customer ID])

3>>Calculate number of churn:-

**#Churn = CALCULATE([#Customer],
telecom_customer_churn[Customer Status] ==
"Churned")**

4>>Churn% = DIVIDE([#Churn], [#Customer])

**5>>#Joined = CALCULATE([#Customer],
telecom_customer_churn[Customer Status] = "Joined")**

**6>>#Joined = CALCULATE([#Customer],
telecom_customer_churn[Customer Status] = "Joined")**

7>>Joined% = DIVIDE([#Joined],[#Customer])

8>>Modeling>>New Parameter>>Parameter>>Fields

>>Add and reorder fields:-

1.Gender.

2.Customer Status.

3.Married.

>>Create.

>>Pie Chart<<

Legend:Parameter{Gender,Customer Status,Married}.

Values:Sum of Monthly Charge.

1>>Sum of Monthly Charge by Gender.
2>>Sum of Monthly Charge by Customer Status.
3>>Sum of Monthly Charge by Married.

>>Churn%and#Joined by Age<<

-Line and Column Chart

-X-axis:Age

-Column y-axis:Churn%

-Line y-axis:#joined

#Churn and Churn_C by City

-3Bar chart

-Y-axis:City

-X-axis:#Churn

- :Churn_C

Churn_C =

**CALCULATE([#Churn],telecom_customer_churn[Churn
Category] = "Competitor")**

-#Churn by Churn Reason.

-3 Clustered Bar Chart-

-Y-axis:Parameter{Churn Reason,Churn Category,Contract}

-X-axis:#Churn

-Format button

-Button>>Style>>Icon>>Icon Type>>Custom>>Linkedin.png

-Style>>State>>Default or On hover.

-1-Clustered bar chart

-2-Table

-3-Donut chart and Pie chart

-4-Line & Column Chart

-Decomposition-Tree>>شجرة التحلل<<

-#Customer>>Customer Status>>Gender.

-Focus Study After DAX.

-Dashboard Colors theme

-Dashboard Design With Figma

-Summary Page KPI and Metrics

-Color theme

-Color Hunt - Color Palettes for Designers

>HUMAN RESOURCES ANALYSIS PROJECT DAX<

-Overview Page

-Figma: The Collaborative Interface Design Tool

-New Design

-Rectangle Above each other & Text & Color.

-Insert>>Buttons>>Navigator>>Page Navigator.

-Insert>>Buttons>>Blank.

-Filter>>ByDepartment>>Slicer>>Department.

-Filter>>ByYear>>Slicer>>Year.

->>Style>>Dropdown<<-

-Calculate Total Employees {Card123}:- عدد العدد المميز

Total Employees =

DISTINCTCOUNT('Employees(Dim)'[ID])

-Calculate Employee Turned {Card123}:- تاريخ الإنهاء

EmployeeTurned =

CALCULATE(DISTINCTCOUNT('Employees(Dim)'[ID]),

'HR(Fact)'[Termination Date] <> BLANK())

-Calculate Employee turnover rate {Card123}:-

Employee turnover rate =

VAR EmployeeTurned =

CALCULATE(DISTINCTCOUNT('Employees(Dim)'[ID]),'HR(Fact)'[Termination Date] <> BLANK())

VAR TotalEmp = DISTINCTCOUNT('Employees(Dim)'[ID])

RETURN DIVIDE(EmployeeTurned,TotalEmp)

-Calculate AVG Salary Of Employees {Card123}:-

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

-Area chart>>Employee Turnover Rate By Date<<

-X-axis

-Hire Date

- Year

- Quarter

- Month

- Day

-Y-axis

-Employee Turnover rate

-Performance Page-

-Sum of Salary>>Fields:Sum of Salary>>Sum

-Stacked bar chart

-Total Employees By Termination Reason-

-A-إجمالي عدد الموظفين حسب سبب الإنهاء-

-Y-axis:Termination Reasonسبب الإنهاء.

-X-axis:Total Employess.

-A-أكثر سبب خلي الموظفين تسبب الشركة-

-Donut Chart

-Legend:-Turn over labelTF

-Values:-Total Employees

-Employee turnover rate by year معدل دوران الموظفين حسب السنة

-Line chart

-X-axis:Hire Date

- Year

- Quarter

- Month

- Day

-Y-axis:Employee turnover rate

-Hire Date>Date Hierarchy{Year,Quarter,Month,Day}

-Employee turnover rate

-Demographicsالتركيبة السكانية

-Age (bins) = DATEDIFF([Birth Date], TODAY(), YEAR)

-Total Employees =

DISTINCTCOUNT('Employees(Dim)'[ID])

>>Filters>>Gender>>Drag and Drop>>Into
Filter>>Choose>>Female.

-Filter By Male and Female.

-Stacked bar chart

-Total Employees By City

-Y-axis:City

-X-axis:Total Employees

- Stacked bar chart
 - Total Employees By Education
 - Y-axis:Education
 - X-axis:Total Employees
-

- Donut chart
 - Total Employees by Gender
 - Legend:Gender
 - Value:%GT Total Employees
-

- Clustered Column Chart
 - Female and Male by Age
 - X-axis:
 - Age(bins)(bins)
 - Y-axis:
 - Female
 - Male
-

- RESTAURANT SALES ANALYSIS PROJECT
 - Canvas settings H:720px & W:1280px
 - Canvas background
 - Image:Home Page.png
-

- Format button
- Style>>Text:Detailed Page.

- Style>>Icon>>Icon Type>>Custom>>Image.
- Action>>Type>>Page Navigation.
- My Image>>Format image>>Action>>Type>>Page Navigation>>Destination>>About me.
- Home Image>>Action>>Type>>Page navigation>>Destination>>Home Page.
- RESET Format Image>>Action>>Type>>Clear all slicers.
- Slicer>>Vertical list>>Data>>Table menu>>Category.
- Slicer>>Vertical list>>Data>>Table menu>>Item_Name.
- Format image>>صورة تعبر عن الشيء<<Flaticon
- As {Total Orders,Total Income,Selled Items}
- Format Image>>Action>>Type>>Page navigation>>Destination:Bright.
- Slicer>>Slicer settings>>Style>>Between.
- Card(new)
- Data
- Total Orders
- Total Income
- Selled Items

- #SelledItems =
COUNT('order_details(Fact)')[order_details_id])
- Total Income = SUM('order_details(Fact)')[Line Income])
- Total_Orders =
DISTINCTCOUNT('order_details(Fact)')[order_id])

-SELECT DISTINCTCOUNT(CustomerID) AS UniqueCustomers FROM Orders;

-Total Orders By Date إجمالي الطلبات حسب التاريخ

->>Line chart

-X-axis:Date

-Y-axis:Total Orders

-Clustered column chart

-Total Orders By Daily Time AM & PM

-X-axis:Time>>(order_time(bins))

-Y-axis:Total_Orders

-Slicer>>Parameter{Product+}>>{Category|Item_Name}.

-Clustered bar chart

-Y-axis:Product+

-X-axis:Total Income

-Slicer>>SwitchMeasure

SwitchMeasure =

SWITCH(SELECTEDVALUE('Table'[MeasureColumn]),

"Items", [#SelledItems],

"Orders",[Total_Orders],

"Income",[Total Income])

-Clustered bar chart-

-Total By Day of Week المجموع حسب يوم الأسبوع

-Y-axis:Day of Week

-X-axis:SwitchMeasure{Income,Items,Orders}.

-Two Image>>Bright & Dark>>Format
Image>>Action>>Page navigation.

-Forbes Top Billionaires Analysis Project.

-Card(123)

#Billionaires = COUNTROWS(forbes_2023_billionaires)

→The COUNTROWS function counts the number of rows in the specified table.

→Male = CALCULATE([#Billionaires],
forbes_2023_billionaires[gender]="M")

→female = CALCULATE([#Billionaires],
forbes_2023_billionaires[gender]="F")

→Age(Avg) = AVERAGE(forbes_2023_billionaires[age])

-Total Wealth by Age Group

{Clustered column chart}

-X-axis:Age Group

-Y-axis:TotalWealth

→TotalWealth =
SUM(forbes_2023_billionaires[finalWorth])

→Total Wealth by Category

{Stacked bar chart}

-X-axis:TotalWealth

-Y-axis:Category

→Donut chart>>#Billionaires by Philanthropy Score.

→Parentage per Score{1,2,3,4,5}.

→Stacked column chart>>#Billionaires by country.

→Number of Billionaires in every country DESC.

→Donut chart>>#Billionaires by gender.

→Parentage% per Gender{Female & Male}.

→Azure-Map>>Total Wealth by Country.

→Aعرض إجمالي الثروة الأفراد لكل دولة على خريطة العالمA

→Display the total wealth of individuals for each country on a world map.

Donut chart & Clustered column chart.

Stacked bar chart & Stacked column chart.

Azure map.

#→View→Show panes→Selection→Select All→Shift+Select→Hide this visual

→Bookmarks→Add→Bookmark name.

→OpenSlicer.

→CloseSlicer.

→CloseDonut.

→OpenSlicer.

#→Insert→Image→{Donut-chart.png}→Action→On

→Action→Type→Bookmark→Bookmark→OpenDonut.

#→Ctrl+Click→Select on Image→To→Open.

#→Format button→Style→Icon→Icon Type→Custom→Choose Icon Image.

→Try again forbes top billionaires Dashboard design.

→With Figma Than Save Dashboard.
