

1 Import File HR_Data into the BI

The screenshot shows the Power BI desktop interface. The left sidebar contains the 'Navigator' pane, which lists 'HR Data.xlsx [2]' and its contents: 'Table1' and 'HR data'. The main area displays a preview of the 'HR data' table with the following columns and data:

Column1	Column2	Column3	Column4	Column5
Attrition	Business Travel	CF_age band	CF_attrition label	Department
Yes	Travel_Rarely	35 - 44	Ex-Employees	Sales
No	Travel_Frequently	45 - 54	Current Employees	R&D
Yes	Travel_Rarely	35 - 44	Ex-Employees	R&D
No	Travel_Frequently	25 - 34	Current Employees	R&D
No	Travel_Rarely	25 - 34	Current Employees	R&D
No	Travel_Frequently	25 - 34	Current Employees	R&D
No	Travel_Rarely	Over 55	Current Employees	R&D
No	Travel_Rarely	25 - 34	Current Employees	R&D
No	Travel_Frequently	35 - 44	Current Employees	R&D
No	Travel_Rarely	35 - 44	Current Employees	R&D
No	Travel_Rarely	35 - 44	Current Employees	R&D

The right sidebar contains the 'visualizations' and 'Data' panes. The bottom status bar shows the date as 31-10-2023.

2 – Transform Data – As some Changes needed in the Data (HR_Data)

The screenshot shows the Power BI desktop interface. The left sidebar contains the 'Navigator' pane, which lists 'HR Data.xlsx [2]' and its contents: 'Table1' and 'HR data'. The main area displays a preview of the 'HR data' table with the following columns and data, identical to the previous screenshot:

Column1	Column2	Column3	Column4	Column5
Attrition	Business Travel	CF_age band	CF_attrition label	Department
Yes	Travel_Rarely	35 - 44	Ex-Employees	Sales
No	Travel_Frequently	45 - 54	Current Employees	R&D
Yes	Travel_Rarely	35 - 44	Ex-Employees	R&D
No	Travel_Frequently	25 - 34	Current Employees	R&D
No	Travel_Rarely	25 - 34	Current Employees	R&D
No	Travel_Frequently	25 - 34	Current Employees	R&D
No	Travel_Rarely	Over 55	Current Employees	R&D
No	Travel_Rarely	25 - 34	Current Employees	R&D
No	Travel_Frequently	35 - 44	Current Employees	R&D
No	Travel_Rarely	35 - 44	Current Employees	R&D
No	Travel_Rarely	35 - 44	Current Employees	R&D

A message at the bottom of the preview pane states: 'The data in the preview has been truncated due to size limits.' The right sidebar contains the 'visualizations' and 'Data' panes. The bottom status bar shows the date as 31-10-2023.

3. Changes - Colm HEADER Missing(unnamed) - BI has special tool for it – Use 1st Row as Header in top of the BAR

The screenshot shows the Power Query Editor interface with the following details:

- File** tab selected.
- Transform** ribbon tab selected.
- Queries [1]** pane shows a single query named "HR data".
- Table** view displays data with columns: Column1, Column2, Column3, Column4, Column5.
- Applied Steps** pane shows the step: **Use First Row as Headers**.
- Properties** pane shows the query name as "HR data".
- Query Settings** pane is open.
- Bottom status bar: 41 COLUMNS, 999+ ROWS, PREVIEW DOWNLOADED AT 15:43, 31-10-2023.

The screenshot shows the Power Query Editor interface with the following details:

- File** tab selected.
- Transform** ribbon tab selected.
- Queries [1]** pane shows a single query named "HR data".
- Table** view displays data with columns: Column1, Column2, Column3, Column4.
- Applied Steps** pane shows the step: **Use First Row as Headers**.
- Properties** pane shows the query name as "HR data".
- Query Settings** pane is open.
- Bottom status bar: 41 COLUMNS, 999+ ROWS, PREVIEW DOWNLOADED AT 15:43, 31-10-2023.

2nd Isuue in Col Attrition -- Data is in Character Type .. We need Numbers – Count

Attrition means - # of Emps Leaves the Company ,,,,

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply Source Sources Enter Data Close New Query Data source settings Manage Parameters Refresh Preview Advanced Editor Properties Query Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Column Group By Data Type: Text Use First Row as Headers Replace Values Transform

Queries [1] HR data

= Table.TransformColumnTypes(#"Promoted Headers", {{"Attrition", type text}, {"Business Travel", type text}})

	A#C Attrition	A#C Business Travel	A#C CF_age band	A#C CF_attrition label	A#C Department
1	Yes	Travel_Rarely	35 - 44	Ex-Employees	Sales
2	No	Travel_Frequently	45 - 54	Current Employees	R&D
3	Yes	Travel_Rarely	35 - 44	Ex-Employees	R&D
4	No	Travel_Frequently	25 - 34	Current Employees	R&D
5	No	Travel_Rarely	25 - 34	Current Employees	R&D
6	No	Travel_Frequently	25 - 34	Current Employees	R&D
7	No	Travel_Rarely	Over 55	Current Employees	R&D
8	No	Travel_Rarely	25 - 34	Current Employees	R&D
9	No	Travel_Frequently	35 - 44	Current Employees	R&D
10	No	Travel_Rarely	35 - 44	Current Employees	R&D
11	No	Travel_Rarely	35 - 44	Current Employees	R&D
12	No	Travel_Rarely	25 - 34	Current Employees	R&D
13	No	Travel_Rarely	25 - 34	Current Employees	R&D
14	No	Travel_Rarely	25 - 34	Current Employees	R&D
15	Yes	Travel_Rarely	25 - 34	Ex-Employees	R&D
16	No	Travel_Rarely	25 - 34	Current Employees	R&D
17	No	Travel_Rarely	25 - 34	Current Employees	R&D
18	No	Non-Travel	Under 25	Current Employees	R&D
19	No	Travel_Rarely	45 - 54	Current Employees	Sales
20	No	Travel_Rarely	35 - 44	Current Employees	R&D
21	No	Non-Travel	Under 25	Current Employees	R&D

41 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 15:43

Windows Type here to search Rain tonight 15:50 31-10-2023

Sol – In top of BAR – Go to ADD Colm – Select- Conditional Col

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Column From Examples Custom Column Invoke Custom Function General Conditional Column Index Column Duplicate Column Format From Text From Number Statistics Standard Scientific Rounding Trigonometry From Date & Time Text Analytics Vision Azure Machine Learning

Queries [1] HR data

Add Conditional Column

Add a conditional column that is computed from the other columns or values.

New column name: Custom

Column Name Operator Value Then Else

If ABC 123 Then ABC 123 ...

Else ABC 123

OK Cancel

	A#C Attrition	A#C Business Travel	A#C CF_age band	A#C CF_attrition label	A#C Department
17	No	Travel_Rarely	25 - 34	Current Employees	R&D
18	No	Non-Travel	Under 25	Current Employees	R&D
19	No	Travel_Rarely	45 - 54	Current Employees	Sales
20	No	Travel_Rarely	35 - 44	Current Employees	R&D
21	No	Non-Travel	Under 25	Current Employees	R&D

41 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 15:43

Windows Type here to search Near record 15:52 31-10-2023

Untitled - Power Query Editor

Add Conditional Column

Add a conditional column that is computed from the other columns or values.

New column name: Attrition_Count

Column Name	Operator	Value	Output
If Attrition	equals	ABC 123	Yes
Then	ABC 123	1	...
Else	ABC 123	0	

OK **Cancel**

PREVIEW DOWNLOADED AT 15:43

Yes – 1

No – 0

Untitled - Power Query Editor

Query Settings

PROPERTIES

- Name: HR data
- All Properties

APPLIED STEPS

- Source
- Navigation
- Changed Type
- Promoted Headers
- Changed Type1
- Added Conditional Column
- Changed Type2

PREVIEW DOWNLOADED AT 15:43

Close & Apply --- Transformation is Done

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply

New Recent Enter Data

Data source settings Manage Parameters Refresh Advanced Editor Properties Query Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Column Group By Data Type: Whole Number Use First Row as Headers Replace Values Transform

Close & Apply

Close the Query Editor window and apply any pending changes.

= Table.TransformColumnTypes(#"Added Conditional column",{{"Attrition_Count", Int64.Type}})

	Years In Current Role	Years Since Last Promotion	Years With Curr Manager	Attrition_Count
1	6	4	0	5
2	10	7	1	7
3	0	0	0	0
4	8	7	3	0
5	2	2	2	0
6	7	7	3	6
7	1	0	0	0
8	1	0	0	0
9	9	7	1	8
10	7	7	7	0
11	5	4	0	3
12	9	5	0	8
13	5	2	4	3
14	2	2	1	2
15	4	2	0	3
16	10	9	8	8
17	6	2	0	5
18	1	0	0	0
19	25	8	3	7
20	3	2	1	2
21	4	2	1	3

42 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows PREVIEW DOWNLOADED AT 15:43

Windows Taskbar: Type here to search, 28°C Partly sunny, 15:55 31-10-2023

Untitled - Power BI Desktop

File Home Insert Modeling View Optimize Help

Paste Cut Copy Format painter

Get data from workbook OneLake data hub SQL Server Enter data Datasource Recent sources Transform Refresh data New visual Text box More visuals New measure Quick measure Sensitivity Publish

Clipboard

Visualizations

Name: HR data
Storage mode: Import
Data refreshed: 10/31/2023, 3:56:21 PM

Data

Search

Build visual

Add data fields here

Drill through Cross-report Off Keep all filters On Add drill-through fields here

Page 1 of 1

Windows Taskbar: Type here to search, 28°C Partly sunny, 15:57 31-10-2023

No Connection

Untitled - Power BI Desktop

Home

Clipboard Data Relationships Calculations Security

Properties

HR data

- Σ -2
- Σ 0
- Σ Age
- Attrition
- Attrition_Count
- Business Travel
- CF_age band
- CF_attrition label
- Σ CF_current Employee
- Collapse ▲

Data

Search HR data

Show the database in the header when applicable: No

Show related fields when card is collapsed: Yes

Pin related fields to top of card: No

All tables +

Windows Taskbar: Type here to search, 28°C Partly sunny, 15:57, 31-10-2023

Count for Attrition Report - Go to Select – New Measure in Table View

Untitled - Power BI Desktop

Measure tools

Name: Attrition Rate, Home table: HR data

Properties

Structure: Attrition Rate = divide(sum('HR data'[Attrition_count]),sum('HR data'[Employee Count]),"")

Data

Attrition	Business Travel	CF_age band	CF_attrition label	Department	Education Field	emp no	Employee Number	Gender	Job Role
Yes	Travel_Rarely	35 - 44	Ex-Employees	R&D	Other	STAFF-4	4	Male	Laboratory
No	Non_Travel	Under 25	Current Employees	R&D	Medical	STAFF-22	22	Male	Laboratory
No	Travel_Rarely	Under 25	Current Employees	R&D	Life Sciences	STAFF-30	30	Male	Research Sc
Yes	Travel_Rarely	35 - 44	Ex-Employees	Sales	Technical Degree	STAFF-42	42	Male	Sales Repre
No	Travel_Rarely	35 - 44	Current Employees	R&D	Other	STAFF-53	53	Male	Laboratory
No	Travel_Rarely	25 - 34	Current Employees	R&D	Life Sciences	STAFF-54	54	Female	Laboratory
Yes	Travel_Rarely	45 - 54	Ex-Employees	R&D	Life Sciences	STAFF-64	64	Male	Laboratory
No	Travel_Rarely	45 - 54	Current Employees	R&D	Life Sciences	STAFF-86	86	Male	Research Sc
Yes	Travel_Rarely	35 - 44	Ex-Employees	R&D	Medical	STAFF-90	90	Male	Research Sc
No	Travel_Rarely	35 - 44	Current Employees	R&D	Life Sciences	STAFF-97	97	Female	Laboratory
No	Travel_Rarely	45 - 54	Current Employees	R&D	Other	STAFF-101	101	Male	Research Di
No	Travel_Rarely	Under 25	Current Employees	Sales	Technical Degree	STAFF-113	113	Male	Sales Repre
No	Travel_Rarely	25 - 34	Current Employees	R&D	Life Sciences	STAFF-134	134	Male	Research Sc
No	Non_Travel	35 - 44	Current Employees	R&D	Life Sciences	STAFF-139	139	Male	Healthcare I
No	Travel_Rarely	Under 25	Current Employees	R&D	Medical	STAFF-144	144	Female	Laboratory
No	Travel_Rarely	25 - 34	Current Employees	R&D	Life Sciences	STAFF-151	151	Female	Research Sc
Yes	Travel_Rarely	Under 25	Ex-Employees	Sales	Marketing	STAFF-167	167	Male	Sales Repre
No	Travel_Rarely	Under 25	Current Employees	R&D	Medical	STAFF-201	201	Female	Laboratory
No	Travel_Rarely	45 - 54	Current Employees	R&D	Medical	STAFF-211	211	Male	Manufactur
No	Travel_Rarely	35 - 44	Current Employees	R&D	Life Sciences	STAFF-271	271	Male	Manufactur
Yes	Travel_Rarely	25 - 34	Ex-Employees	R&D	Medical	STAFF-292	292	Male	Manufactur

Table: HR data (1,470 rows) Column: Attrition Rate (0 distinct values)

Windows Taskbar: Type here to search, 28°C Partly sunny, 16:05, 31-10-2023

Count for Active Employees -- == Total Emp – Attrition Count

Untitled - Power BI Desktop

File Home Help Table tools Measure tools

Name Active Employees Format Whole number Data category Uncategorized New measure Quick measure

Home table HR data \$ % 0 0 Calculations

Structure Formatting Properties

Active Employees = SUM('HR data'[Employee Count])-SUM('HR data'[Attrition Count])

Attrition	Business Travel	CF_age band	CF_attrition label	Department	Education Field	emp no	Employee Number	Gender	Job Role
Yes	Travel_Rarely	35 - 44	Ex-Employees	R&D	Other	STAFF-4	4	Male	Laboratory
No	Non-Travel	Under 25	Current Employees	R&D	Medical	STAFF-22	22	Male	Laboratory
No	Travel_Rarely	Under 25	Current Employees	R&D	Life Sciences	STAFF-30	30	Male	Research Sc
Yes	Travel_Rarely	35 - 44	Ex-Employees	Sales	Technical Degree	STAFF-42	42	Male	Sales Repre
No	Travel_Rarely	35 - 44	Current Employees	R&D	Other	STAFF-53	53	Male	Laboratory
No	Travel_Rarely	25 - 34	Current Employees	R&D	Life Sciences	STAFF-54	54	Female	Laboratory
Yes	Travel_Rarely	45 - 54	Ex-Employees	R&D	Life Sciences	STAFF-64	64	Male	Laboratory
No	Travel_Rarely	45 - 54	Current Employees	R&D	Life Sciences	STAFF-86	86	Male	Research Sc
Yes	Travel_Rarely	35 - 44	Ex-Employees	R&D	Medical	STAFF-90	90	Male	Research Sc
No	Travel_Rarely	35 - 44	Current Employees	R&D	Life Sciences	STAFF-97	97	Female	Laboratory
No	Travel_Rarely	45 - 54	Current Employees	R&D	Other	STAFF-101	101	Male	Research Di
No	Travel_Rarely	Under 25	Current Employees	Sales	Technical Degree	STAFF-113	113	Male	Sales Repre
No	Travel_Rarely	25 - 34	Current Employees	R&D	Life Sciences	STAFF-134	134	Male	Research Sc
No	Non-Travel	35 - 44	Current Employees	R&D	Life Sciences	STAFF-139	139	Male	Healthcare I
No	Travel_Rarely	Under 25	Current Employees	R&D	Medical	STAFF-144	144	Female	Laboratory
No	Travel_Rarely	25 - 34	Current Employees	R&D	Life Sciences	STAFF-151	151	Female	Research Sc
Yes	Travel_Rarely	Under 25	Ex-Employees	Sales	Marketing	STAFF-167	167	Male	Sales Repre
No	Travel_Rarely	Under 25	Current Employees	R&D	Medical	STAFF-201	201	Female	Laboratory
No	Travel_Rarely	45 - 54	Current Employees	R&D	Medical	STAFF-211	211	Male	Manufactur
No	Travel_Rarely	35 - 44	Current Employees	R&D	Life Sciences	STAFF-271	271	Male	Manufactur
No	Travel_Rarely	25 - 34	Ex-Employees	R&D	Medical	STAFF-302	302	Male	Manufactur

Data

Search

HR data

Active Employees

Age

Attrition

Attrition Rate

Attrition_Count

Business Travel

CF_age band

CF_attrition label

CF_current Employee

Daily Rate

Department

Distance From Home

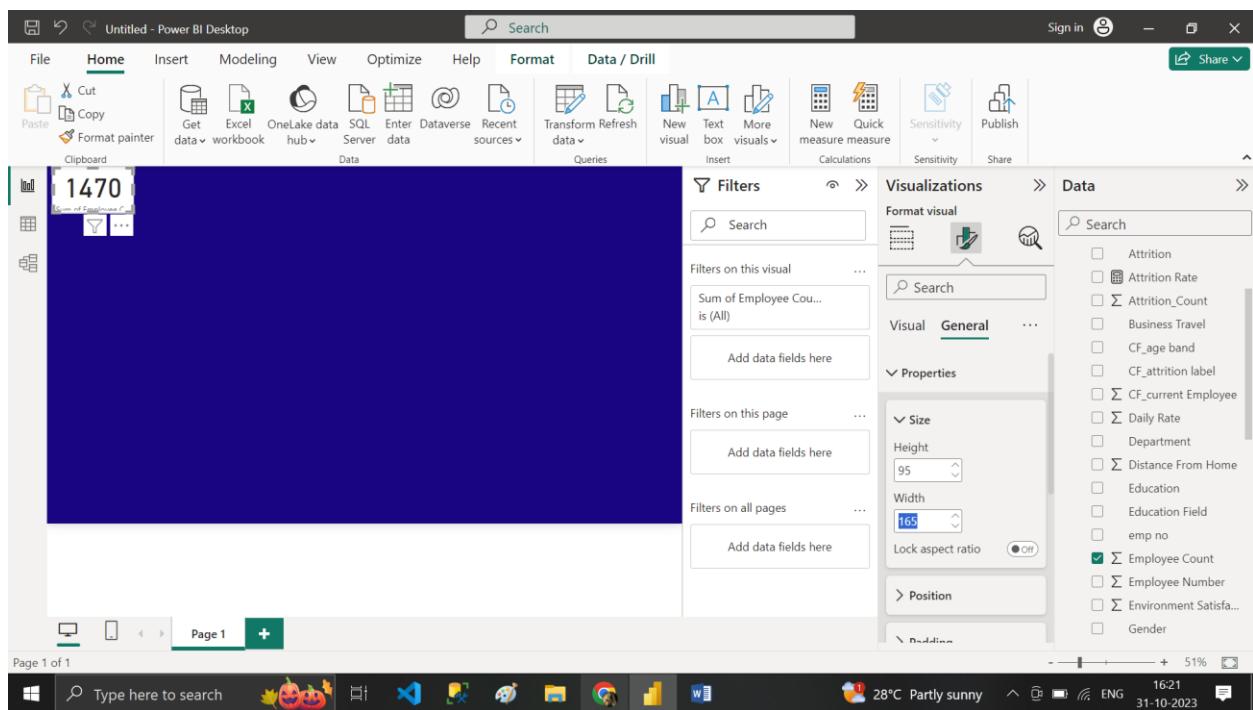
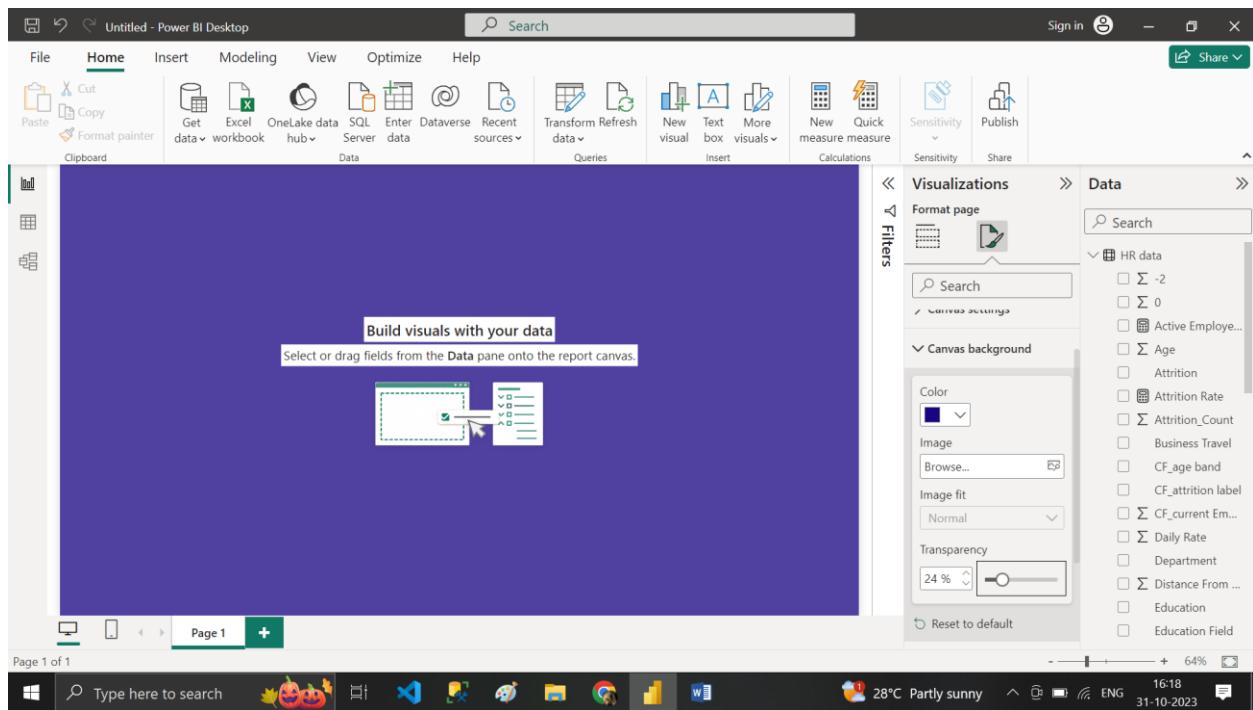
Education

Education Field

Now time for Visualization --- Click on Report Page

For Background – Website- <https://colorhunt.co/>

The screenshot shows the homepage of Color Hunt. On the left, there's a sidebar with a 'New' button (highlighted in grey), 'Popular', 'Random', and 'Collection' buttons, followed by a list of color categories: Pastel, Vintage, Retro, Neon, Gold, Light, Dark, Warm, and Cold. The main area displays a grid of color palettes. Each palette consists of four horizontal bars of different colors. Below each palette are some statistics: 'Vintage' has 79 likes and was created 10 hours ago; 'Neon' has 282 likes and was created yesterday; 'Gold' has 312 likes and was created 2 days ago. To the right, there's a sidebar titled 'Color Palettes for Designers and Artists' with a 'Discover' link, and a large promotional box for 'Diwali' with a 'Get 30% Off' offer for TeamViewer licenses.



Untitled - Power BI Desktop

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Clipboard Get data Excel workbook OneLake data hub SQL Server Enter Datarefresh Data Recent sources Transform Refresh data New visual Text box More visuals New measure measure Calculations Sensitivity Publish Share

Total_Employees 1470

Filters Visualizations Data

Visual General

Text Total_Employees Heading 3 Font DIN 14 Text color

Heading 3

Font DIN 14

Callout value

Font DIN 45 Color Display units Auto Value decimal places Auto

Page 1 of 1

Page 1 +

Type here to search 28°C Partly sunny 16:23 ENG 31-10-2023

This screenshot shows the Power BI Desktop interface. A single card visual is displayed on the canvas with the value '1470'. The properties pane on the right is open, showing the 'General' tab under the 'Visual' section. The 'Text' property is set to 'Total_Employees' and the font is 'Heading 3' with size '14'. The 'Font' dropdown is set to 'DIN'. The 'Callout value' section is also visible, with the 'Font' dropdown set to 'DIN' and size '45'. The status bar at the bottom shows 'Page 1 of 1' and the system tray includes icons for search, weather, time, and date.

HR_Analytics • Last saved: Today at 4:26 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Clipboard Get data Excel workbook OneLake data hub SQL Server Enter Datarefresh Data Recent sources Transform Refresh data New visual Text box More visuals New measure measure Calculations Sensitivity Publish Share

Total_Employees 1470

Filters Visualizations Data

Visual General

Callout value

Font DIN 45 Color Display units Auto Value decimal places Auto

Page 1 of 1

Page 1 +

Type here to search 28°C Partly sunny 16:29 ENG 31-10-2023

This screenshot shows the Power BI Desktop interface, specifically the 'HR_Analytics' model. It displays the same card visual with the value '1470' and the properties pane open, showing the 'General' tab under the 'Visual' section. The 'Text' property is set to 'Total_Employees' and the font is 'Heading 3' with size '14'. The 'Font' dropdown is set to 'DIN'. The 'Callout value' section is also visible, with the 'Font' dropdown set to 'DIN' and size '45'. The status bar at the bottom shows 'Page 1 of 1' and the system tray includes icons for search, weather, time, and date.

HR_Analytics • Last saved: Today at 4:26 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Clipboard Get data Excel workbook OneLake data hub SQL Server Enter Dataverse Recent sources Transform Refresh data New visual Text box More visuals New quick measure Insert Calculations Sensitivity Publish Share

Total_Employees Attrition Count Total_Employees Total_Employees Average_Age
1470 237 1470 1470 36.92

Filters Visualizations Data

Average of Age is (All)

Add data fields here

Filters on this page

Add data fields here

Filters on all pages

Add data fields here

Average of Age

Remove field Rename for this visual Sum Average Minimum Maximum Count (Distinct) Count Standard deviation Variance Median Show value as New quick measure

Education Field emp no Employee Count Employee Number Environment Satisfaction

Drill through Cross-report Keep all filters Add drill-through fields here

Page 1 of 1

Type here to search 27°C Partly sunny 16:49 ENG 31-10-2023

Age

HR_Analytics • Last saved: Today at 5:06 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Clipboard Get data Excel workbook OneLake data hub SQL Server Enter Dataverse Recent sources Transform Refresh data New visual Text box More visuals New quick measure Insert Calculations Sensitivity Publish Share

Total_Employees Attrition_Count Attrition_Rate Active_Employees Average_Age
1470 237 16.12 1233 37

Filters Visualizations Data

Average of Age is (All)

Add data fields here

Filters on this page

Add data fields here

Filters on all pages

Add data fields here

Format visual Visual General

Callout value

Font DIN 45

Color

Display units Auto

Value decimal places 0

CF_current Employee Daily Rate Department Distance From Home Education Education Field emp no Employee Count Employee Number Environment Satisfaction Gender Hourly Rate Job Involvement Job Level Job Role Job Satisfaction Marital Status

Page 1 of 1

Type here to search 27°C Partly sunny 17:07 ENG 31-10-2023

HR_Analytics • Last saved: Today at 5:09 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Interactions

Format

Search

Sign in Share

Apply drill down filters to Entire page Bring forward/backward Selection Align Group

Align left Align center Align right

Align top Align middle Align bottom

Distribute horizontally Distribute vertically

Total_Employees Attrition_Count Attrition_Rate Active_Employees Average_Age

1470 237 16.12 1233 37

Visualizations Data

Format visual

Search

Visual General ...

Callout value

Font DIN 45

Color

Display units Auto

Value decimal places Auto

Page 1 +

Page 1 of 1

Type here to search 27°C Partly sunny 17:10 ENG 31-10-2023

The screenshot shows a Power BI desktop interface with a report titled "HR_Analytics". The report contains five measures displayed as large numbers: Total_Employees (1470), Attrition_Count (237), Attrition_Rate (16.12), Active_Employees (1233), and Average_Age (37). The "Average_Age" visual has its context menu open, showing options like "Align left", "Align center", "Align right", etc. The "Visualizations" pane on the right lists various chart and table icons. The "Data" pane on the right lists numerous calculated columns and measures, such as CF_current Employee, Daily Rate, Department, Distance From Home, Education, Education Field, emp no, Employee Count, Employee Number, Environment Satisf..., Gender, Hourly Rate, Job Involvement, Job Level, Job Role, Job Satisfaction, and Marital Status.

HR_Analytics • Last saved: Today at 5:10 PM

File Home Insert Modeling View Optimize Help

Cut Copy Paste

Clipboard

Get data Excel workbook OneLake data hub SQL Server Data Datasource Recent sources

Transform data Refresh data New visual Text box Insert More visuals

New query Quick measure measure Sensitivity Publish

Queries Calculations

Build visual

Values

Drill through

Cross-report

Keep all filters

Add drill-through fields here

Page 1 +

Page 1 of 1

Type here to search 27°C Partly sunny 17:12 ENG 31-10-2023

The screenshot shows a Power BI desktop interface with a report titled "HR_Analytics". The report contains five measures displayed as large numbers: Total_Employees (1470), Attrition_Count (237), Attrition_Rate (16.12), Active_Employees (1233), and Average_Age (37). The "Visualizations" pane on the right lists various chart and table icons. The "Data" pane on the right lists a subset of the calculated columns and measures from the first screenshot, including -2, 0, Active Employees, Age, Attrition, Attrition Rate, Attrition_Count, Business Travel, CF_age_band, CF_attrition_label, CF_current Employee, Daily Rate, Department, Distance From Home, Education, and Education Field.

Now Visual on Active Employees + Attrition Rate / Department

HR_Analytics • Last saved: Today at 5:10 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure measure Quick measure measure Calculations Sensitivity Publish Share

Total_Employees: 1470 Attrition Count: 237 Attrition_Rate: 16.12 Active Employees: 1233 Average Age: 37

Active Employees and Sum of Attrition_Count by Department

Department	Active Employees	Sum of Attrition_Count
R&D	~800	~200
Sales	~150	~10
HR	~10	~5

Visual General Properties Effects

Search: Active Employees, Attrition, Attrition Rate, Attrition_Count, Department, Distance From Home, Education, Education Field, emp no.

Size: Height 255, Width 300, Lock aspect ratio Off

Position: Top-left

Effects: Background Color (white), Transparency 0%

Page 1 +

Page 1 of 1

27°C Partly sunny 17:15 ENG 31-10-2023

HR_Analytics • Last saved: Today at 5:10 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure measure Quick measure measure Calculations Sensitivity Publish Share

Total_Employees: 1470 Attrition Count: 237 Attrition_Rate: 16.12 Active Employees: 1233 Average Age: 37

Active Employees and Sum of Attrition_Count by Department

Department	Active Employees	Sum of Attrition_Count
R&D	~800	~200
Sales	~150	~10
HR	~10	~5

Visual General Properties Effects

Search: Active Employees, Attrition, Attrition Rate, Attrition_Count, Department, Distance From Home, Education, Education Field, emp no.

Title: On

Effects: Background Color (white), Transparency 0%

Page 1 +

Page 1 of 1

27°C Partly sunny 17:16 ENG 31-10-2023

HR_Analytics • Last saved: Today at 5:10 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure measure Calculations Sensitivity Publish Share

Total_Employees Attrition Count Attrition_Rate Active Employees Average Age

1470 237 16.12 1233 37

Active Employees and Sum of Attrition_Count by Department

Active Employees: 1233
Sum of Attrition_Count: 237

Department: R&D, Sales, HR

Visualizations Data

Format visual

Visual General

Background: Off

Visual border: On

Color: #0072BC

Rounded corners: 15 px

Shadow: Off

Reset to default

Filters

Search

Business Travel
CF_age band
CF_attrition label
 Σ CF_current Employee
 Σ Daily Rate
 Department
 Σ Distance From Home
Education
Education Field
emp no
 Σ Employee Count
 Σ Employee Number
 Σ Environment Satisf...
Gender
 Σ Hourly Rate
 Σ Job Involvement
 Σ Job Level

Page 1 of 1

Type here to search Rain tonight 17:25 31-10-2023

HR_Analytics • Last saved: Today at 5:10 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure measure Calculations Sensitivity Publish Share

Total_Employees Attrition Count Attrition_Rate Active Employees Average Age

1470 237 16.12 1233 37

Active Employees and Sum of Attrition_Count by Department

Active Employees: 1233
Sum of Attrition_Count: 237

Department: R&D, Sales, HR

Visualizations Data

Format visual

Visual General

Title text: Auto

Show title only

Font: DIN, 9

Color: #0072BC

Reset to default

Filters

Search

Business Travel
CF_age band
CF_attrition label
 Σ CF_current Employee
 Σ Daily Rate
 Department
 Σ Distance From Home
Education
Education Field
emp no
 Σ Employee Count
 Σ Employee Number
 Σ Environment Satisf...
Gender
 Σ Hourly Rate
 Σ Job Involvement
 Σ Job Level

Page 1 of 1

Type here to search Near record 17:26 31-10-2023

HR_Analytics • Last saved: Today at 5:10 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Get data Excel workbook OneLake data hub SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box More visuals New measure measure Calculations Sensitivity Publish Share

Total_Employees Attrition Count Attrition_Rate Active Employees Average Age

1470 237 16.12 1233 37

Active Employees and Attrition_Count by Department

Active Employees Attrition_Count

R&D Sales HR

Active Employees and Attrition_Count by Department

Active Employees Attrition_Count

R&D Sales HR

Visual General Options Text

Font: Segoe UI, Size: 9, Bold, Italic, Underline

Color: #FFA500, Fx

Position: Top left

Search: Department

Page 1 of 1

Type here to search 26°C Partly sunny 17:32 ENG 31-10-2023

HR_Analytics • Last saved: Today at 5:10 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Get data Excel workbook OneLake data hub SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box More visuals New measure measure Calculations Sensitivity Publish Share

Total_Employees Attrition Count Attrition_Rate Active Employees Average Age

1470 237 16.12 1233 37

Active Employees and Attrition_Count by Department

Active Employees Attrition_Count

R&D Sales HR

Active Employees and Attrition_Count by Department

Active Employees Attrition_Count

R&D Sales HR

Visual General Options Text

Font: Segoe UI, Size: 9, Bold, Italic, Underline

Color: #FFA500, Fx

Position: Top center

Search: Department

Page 1 of 1

Type here to search 26°C Partly sunny 17:32 ENG 31-10-2023

Screenshot of Power BI Home tab interface showing various metrics and visualizations.

Metrics displayed:

- Total_Employees: 1470
- Attrition Count: 237
- Attrition_Rate: 16.12
- Active Employees: 1233
- Average Age: 37

Visualizations:

- Bar chart: Active Employees and Attrition_Count by Department (R&D, Sales, HR)
- Doughnut chart: Active Employees by Education Field (Life Sciences, Medical, Marketing, Technical, Other, Human Resources)

Format Painter icon is visible on the Home tab ribbon.

Format from Pix 1 to Pix 2 - Click on Pix 1 go to Format Painter @ Home Tab – Click on Pix 2

Screenshot of Power BI Home tab interface showing the same metrics and visualizations as the previous screenshot.

Metrics displayed:

- Total_Employees: 1470
- Attrition Count: 237
- Attrition_Rate: 16.12
- Active Employees: 1233
- Average Age: 37

Visualizations:

- Bar chart: Active Employees and Attrition_Count by Department (R&D, Sales, HR)
- Doughnut chart: Active Employees by Education Field (Life Sciences, Medical)

The "Education Field" filter is selected in the Data pane, indicated by a checked checkbox.

HR_Analytics • Last saved: Today at 6:37 PM

Home

Visualizations

Data

Filters

Format visual

General

Properties

Size

Height: 255

Width: 300

Lock aspect ratio:

Position

Padding

Search

Values

Add data fields here

Drill through

Cross-report: Off

Keep all filters:

Add drill-through fields here

Visual

General

...

Search

Visualizations

Data

Build visual

Transform Refresh data

New visual

Text box

More visuals

Insert

New measure measure

Sensitivity

Publish

Calculations

Sensitivity

Share

Clipboard

File

Home

Insert

Modeling

View

Optimize

Help

Queries

Transform Refresh data

New visual

Text box

More visuals

Insert

New measure measure

Sensitivity

Publish

Calculations

Sensitivity

Share

Total_Employees: 1470

Attrition Count: 237

Attrition Rate: 16.12

Active Employees: 1233

Average Age: 37

Active Employees by Education Field:

- Education Field: Life Sciences (41.93%)
- Education Field: Medical (32.52%)
- Education Field: Marketing (8.11%)
- Education Field: Technical D... (8.11%)
- Education Field: Other (8.11%)
- Education Field: Human Res... (8.11%)

Active Employees and Attrition_Count by Department:

Department	Active Employees	Attrition_Count
R&D	1000	20
Sales	400	12
HR	100	2

Active Employees by CF_age band:

CF_age band	Active Employees
35 - 44	440
25 - 34	340
45 - 54	250
Under 25	25
Over 55	55

HR_Analytics • Last saved: Today at 6:37 PM

Home

Visualizations

Data

Filters

Format visual

General

Properties

Size

Height: 255

Width: 300

Lock aspect ratio:

Position

Padding

Search

Visual

General

...

Search

Visualizations

Data

Build visual

Transform Refresh data

New visual

Text box

More visuals

Insert

New measure measure

Sensitivity

Publish

Calculations

Sensitivity

Share

Clipboard

File

Home

Insert

Modeling

View

Optimize

Help

Format

Data / Drill

Total_Employees: 1470

Attrition Count: 237

Attrition Rate: 16.12

Active Employees: 1233

Average Age: 37

Active Employees by Education Field:

- Education Field: Life Sciences (41.93%)
- Education Field: Medical (32.52%)
- Education Field: Marketing (8.11%)
- Education Field: Technical D... (8.11%)
- Education Field: Other (8.11%)
- Education Field: Human Res... (8.11%)

Active Employees and Attrition_Count by Department:

Department	Active Employees	Attrition_Count
R&D	1000	20
Sales	400	12
HR	100	2

Active Employees by CF_age band:

CF_age band	Active Employees
35 - 44	440
25 - 34	340
45 - 54	250
Under 25	25
Over 55	55

Create HEAT MAP – JOB SATIFICATION

HR_Analytics • Last saved: Today at 6:37 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure measure Calculations Sensitivity Publish Share

Total_Employees **Attrition Count** **Attrition_Rate** **Active Employees** **Average Age**

1470 **237** **16.12** **1233** **37**

Job Role 1 2 3

Healthcare Representative	24	17	42	39
Human Resources	5	14	10	11
Laboratory Technician	36	40	54	67
Manager	20	19	26	32
Manufacturing Director	24	30	45	36
Research Director	15	15	26	22
Research Scientist	41	43	75	86
Sales Executive	53	45	73	62
Sales Representative	5	11	18	12
Total	223	234	369	407

Active Employees and Attrition_Count by Department

Active Employees by Education Field

Active Employees by CF_age_band

Visualizations **Data**

Build visual

Filter

Search

Σ 0
 Active Employees
 Σ Age
 Attrition
 Attrition Rate
 Σ Attrition_Count
 Business Travel
 CF_age_band
 CF_attrition_label
 Σ CF_current_Employee
 Σ Daily_Rate
 Department
 Σ Distance_From_Home
 Education
 Education_Field
 emp_no
 Σ Employee_Count

Rows: Job Role

Columns: Job Satisfaction

Values: Active Employees

Page 1 of 1

Type here to search 24°C Partly cloudy 18:43 ENG 31-10-2023

HR_Analytics • Last saved: Today at 6:37 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure measure Calculations Sensitivity Publish Share

Total_Employees **Attrition Count** **Attrition_Rate** **Active Employees** **Average Age**

1470 **237** **16.12** **1233** **37**

Job Role 1 2 3 4 Total

Healthcare Representative	24	17	42	39
Human Resources	5	14	10	11
Laboratory Technician	36	40	54	67
Manager	20	19	26	32
Manufacturing Director	24	30	45	36
Research Director	15	15	26	22
Research Scientist	41	43	75	86
Sales Executive	53	45	73	62
Total	223	234	369	407

Active Employees and Attrition_Count by Department

Active Employees by Education Field

Active Employees by CF_age_band

Visualizations **Data**

Format visual

Filter

Search

Σ 0
 Active Employees
 Σ Age
 Attrition
 Attrition Rate
 Σ Attrition_Count
 Business Travel
 CF_age_band
 CF_attrition_label
 Σ CF_current_Employee
 Σ Daily_Rate
 Department
 Σ Distance_From_Home
 Education
 Education_Field
 emp_no
 Σ Employee_Count

Font: Segoe UI, 10pt

Text color: #000000

Background color: #FFFFFF

Alternate text color: #CCCCCC

Alternate background color: #F0F0F0

Text wrap: Off

Page 1 of 1

Type here to search 24°C Partly cloudy 18:49 ENG 31-10-2023

HR_Analytics • Last saved: Today at 6:37 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure measure Calculations Sensitivity Publish Share

Total_Employees **Attrition Count** **Attrition_Rate** **Active Employees** **Average Age**

1470 **237** **16.12** **1233** **37**

Job Role

	1	2	3	4	To
Healthcare Representative	24	17	42	39	
Human Resources	5	14	10	11	
Laboratory Technician	36	40	54	67	
Manager	20	19	26	32	
Manufacturing Director	24	30	45	36	
Research Director	15	15	26	22	
Research Scientist	41	43	75	86	
Sales Executive	53	45	73	98	
Total	223	236	369	407	12

Active Employees and Attrition_Count by Department

Active Employees by Education Field

Active Employees by CF_age_band

Visualizations **Data**

Format visual

Filter

Search

Visual General

Text

Font Segoe UI 10

Text color

Background color

Header alignment

Title alignment

Page 1 of 1

Type here to search 24°C Partly cloudy 18:50 31-10-2023

HR_Analytics • Last saved: Today at 6:37 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter data Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure measure Calculations Sensitivity Publish Share

Total_Employees **Attrition Count** **Attrition_Rate** **Active Employees** **Average Age**

1470 **237** **16.12** **1233** **37**

Job Role

	1	2	3	4	To
Healthcare Representative	24	17	42	39	
Human Resources	5	14	10	11	
Laboratory Technician	36	40	54	67	
Manager	20	19	26	32	
Manufacturing Director	24	30	45	36	
Research Director	15	15	26	22	
Research Scientist	41	43	75	86	
Sales Executive	53	45	73	98	
Total	223	236	369	407	12

Active Employees and Attrition_Count by Department

Active Employees by Education Field

Active Employees by CF_age_band

Visualizations **Data**

Format visual

Filter

Search

Visual General

Text

Font Segoe UI 10

Text color

Background color

Header alignment

Title alignment

Text wrap

On

Page 1 of 1

Type here to search 24°C Partly cloudy 18:50 31-10-2023

HR_Analytics • Last saved: Today at 6:37 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure Quick measure Sensitivity Publish Calculations Sensitivity Share

Total_Employees **Attrition Count** **Attrition_Rate** **Active Employees** **Average Age**

1470 **237** **16.12** **1233** **37**

Job Role

	1	2	3	4	Total
Healthcare Representative	24	17	42	39	122
Human Resources	5	14	10	11	40
Laboratory Technician	36	40	54	67	197
Manager	20	19	26	32	97
Manufacturing Director	24	30	45	36	135
Research Director	15	15	26	22	78
Research Scientist	41	43	75	86	246
Sales Executive	53	45	73	98	290
Other Management	2	1	1	1	4
Total	228	234	319	407	1233

Active Employees and Attrition_Count by Department

Active Employees by Education Field

Active Employees by CF_age_band

Visualizations **Data**

Filters

Format visual

Search

Visual General

Font Segoe UI 10

Text color

Background color

Banded row color On

Alignment

Text wrap

Column subtotals On

Apply settings to Per column level Off

Column level All

Columns

Show subtotal Subtotal label Total

Search

Σ 0 **Active Employees**

Σ Age

Attrition

Attrition Rate

Σ Attrition_Count

Business Travel

CF_age_band

CF_attrition_label

Σ CF_current_Employee

Σ Daily_Rate

Department

Σ Distance_From_Home

Education

Education Field

emp_no

Σ Employee_Count

Page 1 of 1

Type here to search 24°C Partly cloudy 18:52 31-10-2023

HR_Analytics • Last saved: Today at 6:37 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure Quick measure Sensitivity Publish Calculations Sensitivity Share

Total_Employees **Attrition Count** **Attrition_Rate** **Active Employees** **Average Age**

1470 **237** **16.12** **1233** **37**

Job Role

	1	2	3	4	Total
Healthcare Representative	24	17	42	39	122
Human Resources	5	14	10	11	40
Laboratory Technician	36	40	54	67	197
Manager	20	19	26	32	97
Manufacturing Director	24	30	45	36	135
Research Director	15	15	26	22	78
Research Scientist	41	43	75	86	246
Sales Executive	53	45	73	98	290
Other Management	2	1	1	1	4
Total	228	234	319	407	1233

Active Employees and Attrition_Count by Department

Active Employees by Education Field

Active Employees by CF_age_band

Visualizations **Data**

Filters

Format visual

Search

Visual General

Font

Text color

Background color

Banded row color

Alignment

Text wrap

Column subtotals On

Apply settings to Per column level Off

Column level All

Columns

Show subtotal Subtotal label Total

Search

Σ 0 **Active Employees**

Σ Age

Attrition

Attrition Rate

Σ Attrition_Count

Business Travel

CF_age_band

CF_attrition_label

Σ CF_current_Employee

Σ Daily_Rate

Department

Σ Distance_From_Home

Education

Education Field

emp_no

Σ Employee_Count

Page 1 of 1

Type here to search 24°C Partly cloudy 18:53 31-10-2023

HR_Analytics • Last saved: Today at 6:37 PM

Home

Format

Data / Drill

Visualizations

Data

Filters

Page 1

Page 1 of 1

Type here to search

HR_Analytics • Last saved: Today at 6:37 PM

Home

Format

Data / Drill

Visualizations

Data

Filters

Page 1

Page 1 of 1

Type here to search

HR_Analytics • Last saved: Today at 6:37 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Get data from workbook Excel workbook OneLake data hub SQL Server Enter data Dataverse Refresh recent sources Transform data New visual Text box Insert More visuals New measure Quick measure Sensitivity Publish Clipboard

Total_Employees 1470 Attrition Count 237 Attrition Rate 16.12 Active Employees 1233 Average Age 37

Job Role 1 2 3 4 Total Healthcare Representative 24 17 42 39 122 Human Resources 5 14 10 11 40 Laboratory Technician 36 40 54 67 197 Manager 20 19 26 32 97 Manufacturing Director 8 30 45 36 135 Research Director 15 15 26 22 75 Research Scientist 41 23 25 26 94 Sales Executive 53 45 73 98 260 Sales Representative 5 11 18 15 60 Total 223 234 369 407 1233

Active Employees and Attrition Count by Department

Active Employees by Education Field

Active Employees by CF_age band

Visualizations

Format visual

Search

Filters

General

Font Segoe UI 10

B I U

Text color

Background color

Apply to labels Off

Reset to default

Row grand total

Page 1 +

Type here to search

24°C Partly cloudy ENG 31-10-2023 18:54 64%

The screenshot shows a Microsoft Power BI dashboard titled "HR_Analytics". The dashboard displays several key metrics: Total Employees (1470), Attrition Count (237), Attrition Rate (16.12%), Active Employees (1233), and Average Age (37). Below these, there are four detailed charts: 1) A bar chart of Active Employees and Attrition Count by Department (R&D, Sales, HR). 2) A donut chart of Active Employees by Education Field (Life Sciences, Medical, Marketing, Technical D., Other, Human Res.). 3) A bar chart of Active Employees by CF_age band (35+, 25+, 45+, Under 25, Over 55). 4) A table of Job Roles and their counts across various departments. The Data pane on the right shows the underlying data for these visualizations, including columns like Attrition_Count, Business Travel, CF_age band, etc.

Heat Map - Visuals -- Heat Map

HR_Analytics • Last saved: Today at 6:55 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter Dataverse Recent sources Transform Refresh data New visual Text box More visuals Insert New measure Quick measure Sensitivity Publish Calculations Sensitivity Share

Visualizations

Data

Format visual

Filter

Search

Visual General ...

Column subtotals On

Row subtotals On

Column grand total

Row grand total

Cell elements

URL icon

Image size

Give cell elements different formatting under different conditions. Set conditions by selecting fx

Σ Attrition_Count
Business Travel
CF_age band
CF_attrition_label
Σ CF_current Employee
Daily Rate
Department
Σ Distance From Home
Education
Education Field
emp no
Σ Employee Count
Σ Employee Number
Σ Environment Satisf...
Gender
Σ Hourly Rate
Σ Job Involvement

Page 1 of 1

Type here to search 24°C Partly cloudy 18:56 ENG 31-10-2023

Background color - Background color

Format style Apply to

Gradient Values only

What field should we base this on? Active Employees

How should we format empty values? As zero

Minimum Lowest value Enter a value Add a middle color

Maximum Highest value Enter a value

Learn more about conditional formatting

OK Cancel

Σ Attrition_Count
Business Travel
CF.age band
CF_attrition_label
Σ CF_current Employee
Daily Rate
Department
Σ Distance From Home
Education
Education Field
emp no
Σ Employee Count
Σ Employee Number
Σ Environment Satisf...
Gender
Σ Hourly Rate
Σ Job Involvement

Page 1 of 1

Type here to search 24°C Partly cloudy 18:58 ENG 31-10-2023

HR_Analytics • Last saved: Today at 6:58 PM

Visualizations

Data

Filters

General

Properties

Size

Height: 255

Width: 380

Lock aspect ratio: On

Position

Padding

HR_Analytics • Last saved: Today at 7:00 PM

Visualizations

Data

Filters

General

Properties

Size

Height: 255

Width: 380

Lock aspect ratio: Off

Position

Padding

Line Chart—Average Monthly income on Job Role

Line Chart + Donut Chart Clubbed together

HR_Analytics • Last saved: Today at 7:03 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Get data Excel workbook OneLake data hub SQL Server Enter Data Refresh data Recent sources Transform data New visual Text box More visuals Insert New measure measure Calculations Sensitivity Publish Share

Total_Employees **Attrition Count**

Attrition_Rate **Active Employees** **Average Age**

Active Employees and Attrition_Count by Department

Department	Active Employees	Attrition Count
R&D	1000	124
Sales	401	127
HR	517	10

Active Employees by Education Field

Active Employees by CF.age band and Gender

Job Satisfaction Rating

Job Role	1	2	3	4	Total
Healthcare Representative	24	17	42	39	122
Human Resources	5	14	10	11	40
Laboratory Technician	36	40	54	67	197
Manager	20	19	26	32	97
Manufacturing Director	24	30	45	36	135
Research Director	15	15	26	22	78
Research Scientist	41	43	75	86	245
Sales Executive	53	45	73	98	269
Sales Representative	5	11	18	16	50
Total	223	234	369	407	1233

Visualizations Data

Build visual

Filter

Search

Employee Number, Environment Satisfaction, Gender, Hourly Rate, Job Involvement, Job Level, Job Role, Job Satisfaction, Marital Status, Monthly Income, Monthly Rate, Num Companies Worked, Over Time, Over18, Percent Salary Hike, Performance Rating, Relationship Satisfaction

Legend

Add data fields here

Values

Add data fields here

Details

Add data fields here

Page 1 of 1

Type here to search 24°C Partly cloudy 19:09 ENG 31-10-2023

HR_Analytics • Last saved: Today at 7:03 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Get data Excel workbook OneLake data hub SQL Server Enter Data Refresh data Recent sources Transform data New visual Text box More visuals Insert New measure measure Calculations Sensitivity Publish Share

Total_Employees **Attrition Count**

Attrition_Rate **Active Employees** **Average Age**

Active Employees and Attrition_Count by Department

Department	Active Employees	Attrition Count
R&D	1000	124
Sales	38K	127
HR	517	10

Active Employees by Education Field

Active Employees by CF.age band and Gender

Job Satisfaction Rating

Job Role	1	2	3	4	Total
Healthcare Representative	24	17	42	39	122
Human Resources	5	14	10	11	40
Laboratory Technician	36	40	54	67	197
Manager	20	19	26	32	97
Manufacturing Director	24	30	45	36	135
Research Director	15	15	26	22	78
Research Scientist	41	43	75	86	245
Sales Executive	53	45	73	98	269
Sales Representative	5	11	18	16	50
Total	223	234	369	407	1233

Visualizations Data

Build visual

Filter

Search

Department, Distance From Home, Education, Education Field, emp no, Employee Count, Employee Number, Environment Satisfaction, Gender, Hourly Rate, Job Involvement, Job Level, Job Role, Job Satisfaction, Int Estatisfaction

Legend

Department

Values

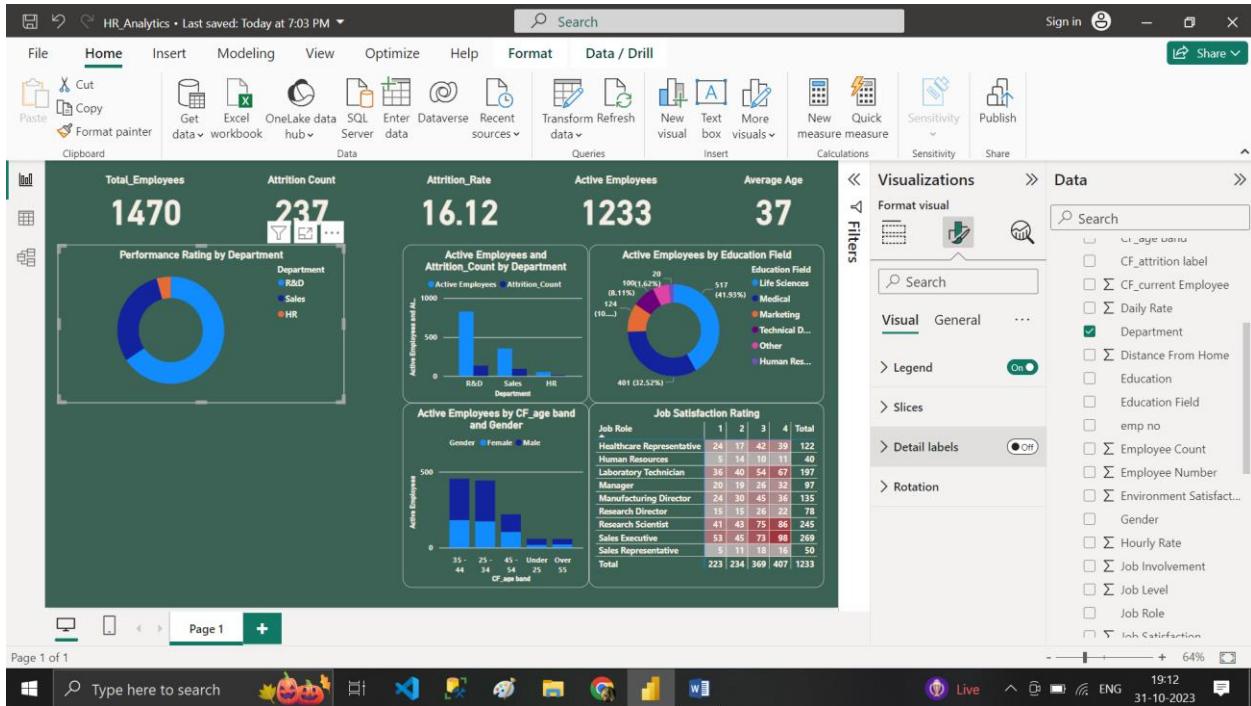
Sum of Performance R...

Details

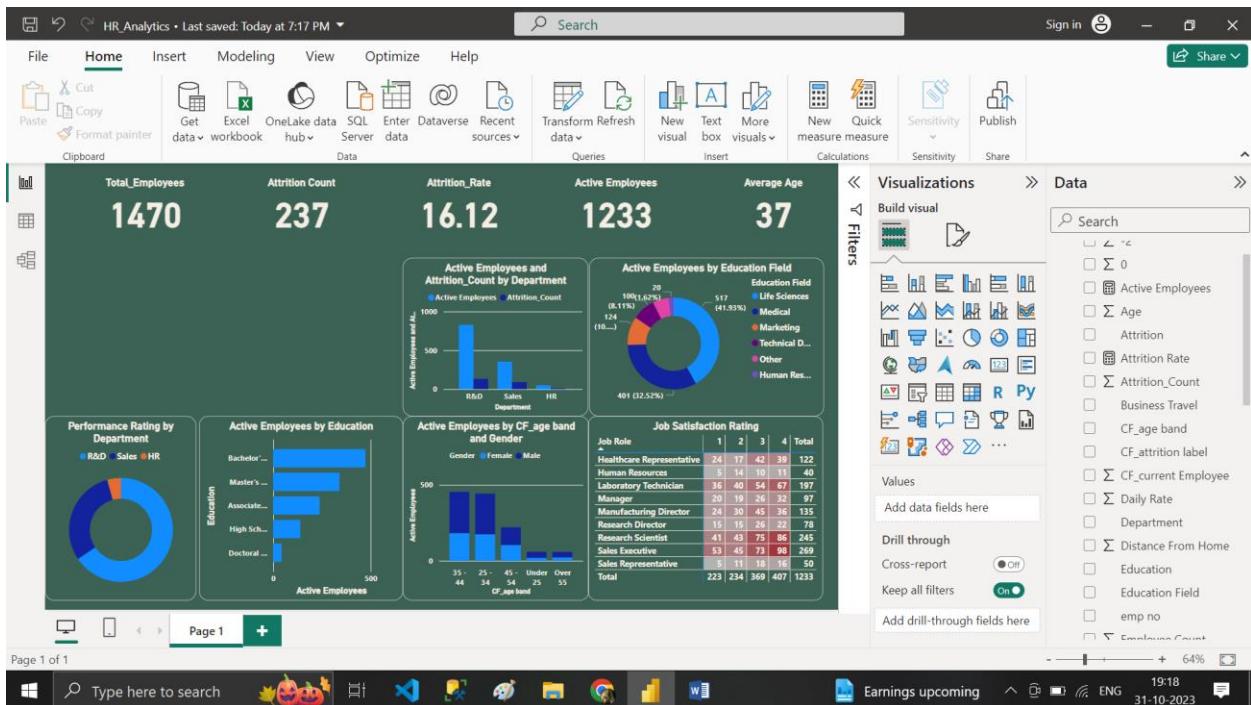
Add data fields here

Page 1 of 1

Type here to search 24°C Partly cloudy 19:10 ENG 31-10-2023



Active - Emps With Education & Gender – BAR CHART



Area Chart – Job Role – X – Axis Then convert to Column Chart

Y – Axis – Monthly income – convert to Area Chart

The screenshot shows a Microsoft Power BI dashboard titled "HR_Analytics". The dashboard features several visualizations:

- A large card at the top left displays "Total_Employees" as 1470.
- An "Attrition Count" card shows 237.
- An "Attrition_Rate" card shows 16.12.
- A "Active Employees" card shows 1233.
- A "Average Age" card shows 37.
- A line chart titled "Average of Monthly Income by Job Role" shows income decreasing from Manager to Sales Executive.
- A bar chart titled "Active Employees and Attrition_Count by Department" compares Active Employees and Attrition Count across R&D, Sales, and HR.
- A donut chart titled "Active Employees by Education Field" shows distribution across Life Sciences, Marketing, Technical D..., Other, and Human Res...
- A pie chart titled "Performance Rating by Department" shows distribution across R&D, Sales, and HR.
- A horizontal bar chart titled "Active Employees by Education" shows Active Employees for Bachelor's, Master's, Associate, High Sch., and Doctoral degrees.
- A stacked bar chart titled "Active Employees by CF_age band and Gender" shows Active Employees for different age bands and genders.
- A table titled "Job Satisfaction Rating" provides satisfaction scores for various job roles.

On the right side, there are two panes: "Visualizations" and "Data". The "Visualizations" pane contains a "Build visual" section with a search bar and a "Filters" section with a list of filters. The "Data" pane shows a list of available fields for selection.

HR_Analytics • Last saved: Today at 7:17 PM

File Home Insert Modeling View Optimize Help

Cut Copy Format painter Paste

Get data from Excel workbook OneLake data hub SQL Server Enter data from Dataverse Recent sources

Transform Refresh data New visual Text box More visuals Insert Queries

New measure Quick measure Sensitivity Publish Calculations Sensitivity Share

Total_Employees: 1470 Attrition Count: 237 Attrition_Rate: 16.12 Active Employees: 1233 Average Age: 37

Average of Monthly Income by Job Role

Active Employees and Attrition_Count by Department

Active Employees by Education Field

Performance Rating by Department

Active Employees by Education

Active Employees by CF_age band and Gender

Job Satisfaction Rating

Visualizations Data

Build visual

Filters

Search

emp no

Employee Count

Employee Number

Environment Satisfaction

Gender

Hourly Rate

Job Involvement

Job Level

Job Role

Job Satisfaction

Marital Status

Monthly Income

Monthly Rate

Nom Companies Worked

Over Time

Over18

Percent Salary Hike

LAST PART – BUTTON – Act as Filter – Called as SLICERS

Slicer for Gender & Martial Status

HR_Analytics • Last saved: Today at 7:17 PM

File Home Insert Modeling View Optimize Help Format Data / Drill

Cut Copy Format painter Clipboard

Get data from Excel workbook OneLake data hub SQL Server Enter data from Dataverse Recent sources Transform Refresh data New visual Text box More visual Insert Calculations New measure Quick measure Sensitivity Publish

Total_Employees Attrition Count Attrition_Rate Active_Employees Average_Age

1470 37 16.12 1233 37

Select or drag fields to populate this visual

Active Employees and Attrition_Count by Department

Active Employees by Education Field

Performance Rating by Department

Active Employees by Education

Active Employees by CF_age band and Gender

Job Satisfaction Rating

Visualizations Data

Build visual

Filters

Search

emp no

Employee Count

Employee Number

Environment Satisfaction

Gender

Hourly Rate

Job Involvement

Job Level

Job Role

Job Satisfaction

Marital Status

Monthly Income

Monthly Rate

Nom Companies Worked

Over Time

Over18

Percent Salary Hike

Page 1 +

Type here to search

24°C Partly cloudy

19.26 ENG 31-10-2023

The screenshot displays a Microsoft Power BI dashboard titled "HR_Analytics". The dashboard features several key metrics and data points:

- Total Employees:** 1470
- Attrition Count:** 237
- Attrition Rate:** 16.12
- Active Employees:** 1233
- Average Age:** 37

Below these summary statistics are more detailed visualizations:

- A gender distribution chart showing Female (blue) and Male (orange).
- A bar chart of Average Monthly Income by Job Role.
- A bar chart titled "Active Employees and Attrition_Count by Department" showing R&D, Sales, and HR.
- A donut chart titled "Active Employees by Education Field" showing proportions for Life Sciences, Medical, Marketing, Technical D., Other, and Human Res.
- A pie chart titled "Performance Rating by Department" showing segments for R&D, Sales, and HR.
- A bar chart titled "Active Employees by Education" showing counts for Bachelor's, Master's, Associate, High Sch., and Doctoral degrees.
- A bar chart titled "Active Employees by CF_age band and Gender" showing counts for different age groups and genders.
- A table titled "Job Satisfaction Rating" listing satisfaction levels for various job roles across four categories (1 to 4).
- A table titled "Total" summarizing employee counts across various categories.

On the right side of the dashboard, there is a "Visualizations" pane containing a color gradient slider and a hex color code (#A3BB98). Below the color palette are several checkboxes for filtering data based on relationship satisfaction, standard hours, stock option level, and total working years. A "Reset to default" button is also present.

HR_Analytics • Last saved: Today at 7:37 PM

File Home Insert Modeling View Optimize Help

Cut Copy Format painter Paste Get data Excel workbook OneLake data hub SQL Server Enter Data Refresh Data Recent sources Transform data New visual Text box More visuals Insert New measure measure Calculations Sensitivity Publish Share

Job Role	1	2	3	4	Total
Healthcare Representative	24	17	42	39	122
Human Resources	5	14	10	11	40
Laboratory Technician	36	40	54	67	197
Manager	20	19	26	32	97
Manufacturing Director	24	30	45	36	135
Research Director	15	15	26	22	78
Research Scientist	41	43	75	86	245
Sales Executive	53	45	73	98	269
Sales Representative	5	11	18	16	50
Total	223	234	369	407	1233

Visualizations Data

Filters

Build visual

Search

Hourly Rate, Job Involvement, Job Level, Job Role, Job Satisfaction, Marital Status, Monthly Income, Monthly Rate, Num Companies Worked, Over Time, Over18, Percent Salary Hike, Performance Rating, Relationship Satisfaction, Standard Hours, Stock Option Level, Total Working Years

Values

Add data fields here

Drill through

Cross-report

Keep all filters

Add drill-through fields here

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Add Icons

Select Insert – Image

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New page Visuals Q&A Key influencers Decomposition tree Smart narrative Paginated report Power Apps (preview) Power Platform Text box Buttons Shapes Image Elements Add a sparkline Sparklines

Format Data

Filters

Image General

Properties

Size Height 100 Width 100 Lock aspect ratio On

Position

Padding

Advanced options

Search

Hourly Rate, Job Involvement, Job Level, Job Role, Job Satisfaction, Marital Status, Monthly Income, Monthly Rate, Num Companies Worked, Over Time, Over18, Percent Salary Hike, Performance Rating, Relationship Satisfaction, Standard Hours, Stock Option Level, Total Working Years

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FINAL – REPORT

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Clipboard Data Queries

HR ANALYTICS DASHBOARD

Total_Employees: 1470 Attrition Count: 237 Attrition Rate: 16.12 Active Employees: 1233 Average Age: 37

Average of Monthly Income by Job Role: 20K

Attrition Count by Department: R&D: 100, Sales: 60, HR: 20

Active Employees by Education Field: Life Sciences (517), Medical (124), Marketing (100), Technical D... (401), Other (20)

Performance Rating by Department: R&D: 400, Sales: 300, HR: 100

Active Employees by Education: Bachelor's: 450, Master's: 350, Associate: 250, High Sch.: 150, Doctoral: 50

Active Employees by CF_age band and Gender: 35-44: Female 44, Male 34; 25-34: Female 34, Male 25; 45-54: Female 25, Male 25; Under 25: Female 25, Male 25; Over 55: Female 25, Male 25

Job Satisfaction Rating:

Job Role	1	2	3	4	Total
Healthcare Representative	24	17	42	39	122
Human Resources	5	14	10	11	40
Laboratory Technician	36	40	54	67	197
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