



Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Column From Custom Examples - Column Invoke Function General

Merge Columns Extract From Text Statistics Standard Scientific Information

From Number Date Time Duration From Date & Time

Queries [1] HR

Table.TransformColumnTypes#"Promoted Headers",{{"Age", Int64.Type}, {"Attrition", type text}, {"BusinessTravel", type text}, {"DailyRate", Int64.Type}, {"Department", Int64.Type}, {"DistanceFromHome", Int64.Type}, {"Education", Int64.Type}}

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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 123 Then 123 + 1

Else 123 + 0

OK Cancel

35 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows

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Query Settings

PROPERTIES

Name HR

All Properties

APPLIED STEPS

Source Promoted Headers

Changed Type

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File Home Insert Modeling View Optimize Help Format Data / Drill

New page More visual visuals Key influencers Decomposition tree Paginated report Power Apps Automate Power Platform Text box Buttons Shapes Image Elements Add a sparkline Sparklines

Formatting the Charts

1470 Sum of EmployeeCount

Filters Visual General

Properties Title Effects Data format Header icons Tooltips Alt text

Data

HR

- Σ Age
- Attrition
- Attrition Count
- BusinessTravel
- Σ DailyRate
- Department
- Σ DistanceFromHome
- Education
- EducationField
- EmployeeCount
- EmployeeNumber
- EnvironmentSatisfaction
- Gender
- HourlyRate
- JobInvolvement
- JobLevel
- JobRole
- JobSatisfaction
- MaritalStatus
- MonthlyIncome
- MonthlyRate
- NumCompaniesWorked
- Over18
- Overtime

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File Home Insert Modeling View Optimize Help Format Data / Drill

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Formatting the Charts

Overall Employees 1470

Filters Visual General

Properties Title

Title Text: Overall Employees, Heading: Heading 3, Font: Times New Roman, Size: 22, Bold: Yes

Font: B I U

Text color: Black, Background color: Blue, Horizontal alignment: Left

Data

HR

- Σ Age
- Attrition
- Attrition Count
- BusinessTravel
- Σ DailyRate
- Department
- Σ DistanceFromHome
- Education
- EducationField
- EmployeeCount
- EmployeeNumber
- EnvironmentSatisfaction
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Page 1

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Formatting the Charts

Overall Employees: 1470

Count of Attrition Count by Department

Department	Attrition Count
Research & Development	46 (30.34%)
Sales	40 (26.29%)
Human Resources	56 (36.37%)

Visualizations pane:

- Filters on this visual: Count of Attrition Count is (All)
- Department is (All)
- Add data fields here
- Filters on this page: Department
- Add data fields here
- Filters on all pages: Count of Attrition Count
- Add data fields here
- Details: Add data fields here
- Tooltips: Add data fields here
- Drill through: Cross-report (on)
- Keep all filters (on)
- Add drill-through fields here

Data pane:

- HR
 - Σ Age
 - Attrition
 - Attrition Count
 - BusinessTravel
 - Σ DailyRate
 - Department
 - Σ DistanceFromHome
 - Σ Education
 - EducationField
 - EmployeeCount
 - EmployeeNumber
 - EnvironmentSatisfaction
 - Gender
 - HourlyRate
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Formatting the Charts

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Research & Development	46 (30.34%)
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Human Resources	56 (36.37%)

Sum of EmployeeCount by Age and Gender

Age Group	Male	Female
20-25	~40	~10
25-30	~45	~15
30-35	~50	~20
35-40	~45	~15
40-45	~40	~10

Visualizations pane:

- Filters on this visual: Age is (All)
- Gender is (All)
- Add data fields here
- Filters on this page: Age
- Add data fields here
- Filters on all pages: Sum of EmployeeCount
- Legend: Gender
- Small multiples: Add data fields here
- Tooltips: Add data fields here
- Drill through: Cross-report (on)
- Keep all filters (on)
- Add drill-through fields here

Data pane:

- HR
 - Σ Age
 - Attrition
 - Attrition Count
 - BusinessTravel
 - Σ DailyRate
 - Department
 - Σ DistanceFromHome
 - Σ Education
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25-30	~45	~15
30-35	~50	~20
35-40	~45	~15
40-45	~40	~10

Context menu (highlighted):

- Export data
- Show as a table
- Remove
- Spotlight
- Sort legend
- Sort descending
- Sort ascending
- Set up a verified answer

Visualizations pane:

- Filters on this page: Add data fields here
- Filters on all pages: Add data fields here
- Values: Add data fields here
- Drill through: Cross-report (on)
- Keep all filters (on)
- Add drill-through fields here

Data pane:

- HR
 - Σ Age
 - Attrition
 - Attrition Count
 - BusinessTravel
 - Σ DailyRate
 - Department
 - Σ DistanceFromHome
 - Σ Education
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Queries [1]

HR

Table.AddColumn("#Changed Type", "Attrition Count", each if [Attrition] = "Yes" then 1 else 0)

Add Conditional Column

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

New column name: Legal Rights

Column Name: Age
Operator: is greater than or equal to
Value: 21
Output: Y

Else: N

OK **Cancel**

36 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows

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Home **Format** **Data / Drill**

Formatting the Charts

Overall Employees 1470

Count of Attrition Count by Department

Sum of EmployeeCount by Age and Gender

Job Satisfaction Rating

JobRole	1	2	3	4	Total
Marketing Representative	62	10	106	106	324
Human Resources	16	23	17	19	77
Laboratory Technician	67	59	97	98	321
Manufacturing Director	60	79	122	94	355
Research Director	57	65	106	87	319
Sales Executive	164	126	210	259	759
Sales Representative	12	21	31	19	93
Total	594	581	917	942	3854

Visualizations

Filters

Visual General

Layout and style presets

Grid

Blank rows

Values

Column headers

Row headers

Column subtotals

Row subtotals

Column grand total

Row grand total

Specific column

Cell elements

Data

Search

- EducationField
- EmployeeCount
- EmployeeNumber
- EnvironmentSatisfaction
- Gender
- HourlyRate
- JobInvolvement
- JobLevel
- JobSatisfaction
- Legal Rights
- MaritalStatus
- MonthlyIncome
- MonthlyRate
- NumCompaniesWorked
- Over18
- Overtime
- PercentSalaryHike
- PerformanceRating
- RelationshipSatisfaction
- StandardHours
- StockOptionsLevel
- TotalWorkingYears
- TrainingTimesLastYear
- WorkLifeBalance

Update available (click to download)

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Home **Format** **Data / Drill**

Formatting the Charts

Overall Employees 1470

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Sum of EmployeeCount by Age and Gender

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Research Director	57	65	106	87	319
Sales Executive	164	126	210	259	759
Sales Representative	12	21	31	19	93
Total	594	581	917	942	3854

Visualizations

Filters

Build visual

Filters on this visual

Count of Attrition ... is (All)

Education

is (All)

Add data fields here

Filters on this page

Add data fields here

Filters on all pages

Add data fields here

Y-axis

Education

X-axis

Count of Attrition Count

Legend

Add data fields here

Small multiples

Add data fields here

Tooltips

Add data fields here

Drill through

Cross-report

Data

Search

- HR
- Age
- Attrition Count
- BusinessTravel
- DailyRate
- Department
- DistanceFromHome
- Education
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- JobInvolvement
- JobLevel
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- JobSatisfaction
- Legal Rights
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- MonthlyRate
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Update available (click to download)

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Overall Employees
1470

Formatting the Charts

Count of Attrition Count by Department

Department	Attrition Count	Percentage
Research & Development	466	32.4%
Sales	52	3.5%
Human Resources	911	65.3%

Sum of EmployeeCount by Age and Gender

Age	Male	Female
10-19	18	23
20-29	25	17
30-39	19	19
40-49	16	20
50-59	10	10
60-69	8	10
70-79	4	5
80-89	2	3
90-99	1	1
Total	92	106

Job Satisfaction Rating

Gender	Count	Percentage
Male	500	60%
Female	382	40%

Count of Attrition Count by Education

Education	Attrition Count	Percentage
1	115	97.4%
2	4	3.5%

Count of Attrition Count by Gender

Gender	Attrition Count	Percentage
Male	115	97.4%
Female	4	3.5%

Filters

Visualizations

Data

Overall HR Data:

- Age
- Attrition
- Attrition Count
- BusinessTravel
- DailyRate
- Department
- DistanceFromHome
- Education
- EducationField
- EmployeeCount
- EmployeeNumber
- EnvironmentSatisfaction
- Gender** (Selected)
- HourlyRate
- JobInvolvement
- JobLevel
- JobRole
- JobSatisfaction
- LegalRights
- MaritalStatus
- MonthlyIncome
- MonthlyRate
- NumCompaniesWorked
- Over18

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Overall Employees
170

Formatting the Charts

Count of Attrition Count by Department

Department	Attrition Count	Percentage
Research & Development	80	47.05%
Sales	35	21.18%
Human Resources	65	39.77%

Sum of EmployeeCount by Age and Gender

Age	Male	Female
10-19	7	4
20-29	17	11
30-39	11	9
40-49	39	26
50-59	6	4
60-69	4	3
70-79	1	1
Total	92	65

Job Satisfaction Rating

Gender	Count	Percentage
Male	500	60%
Female	382	40%

Count of Attrition Count by Education

Education	Attrition Count	Percentage
1	110	84.71%
2	20	14.29%

Count of Attrition Count by Gender

Gender	Attrition Count	Percentage
Male	110	84.71%
Female	20	14.29%

Filters

Visualizations

Data

Overall HR Data:

- Age
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