

Three screenshots of Power BI Query Editor showing the creation of three calculated columns: Total Sales, Average Order, and Count of Customer Name.

Query 1: Total Sales

```
- Table.Group(#"Removed Columns1", {"Region"}, {"Total Sales": each List.Sum([Sales], type number)})
```

Properties: Name: Total Sales

Applied Steps: Grouped Rows

Region	Total Sales
Central	664047.55
North	521877.89
South	445242.78
East	629481.58
West	474308.27

Query 2: Average Order

```
- Table.Group(#"Removed Columns1", {"Region"}, {"Average Order": each List.Average([Sales], type number)})
```

Properties: Name: Total Sales

Applied Steps: Grouped Rows

Region	Average Order
Central	10540.4373
North	10437.5578
South	10859.58
East	12105.415
West	11568.49439

Query 3: Count of Customer Name

```
- Table.AggregateTableColumn(#"Grouped Rows", "Count", {"Customer Name": List.Count, "Count of Count.Customer_Name"})
```

Properties: Name: Total Sales

Applied Steps: Aggregated Count

Region	Count of Count.Customer_Name
Central	63
North	50
South	41
East	52
West	41

Queries [6]

Sales_January

Sales_February

Sales_March

Employee Dataset

Best Selling Video Games

Total Sales

= Table.RemoveColumns(#"Expanded Employee Dataset", {"Employee Dataset.EmployeeID"})

A ₁ Employee_ID	A ₂ Region	A ₃ Product	A ₄ Order_Date	A ₅ Quantity	A ₆ Unit_Price	A ₇ Payment_M
EMP0001	Central	Monitor	1/10/2024	9	138.76	Credit Card
EMP0001	North	Keyboard	1/27/2024	6	842.51	Bank Transfer
EMP0001	North	Mouse	3/27/2024	15	1363.32	PayPal
EMP0001	South	Keyboard	3/10/2024	4	1506.41	Bank Transfer
EMP0001	South	Scanner	1/15/2024	5	195.92	Cash
EMP0001	South	Scanner	1/26/2024	11	591.85	Debit Card
EMP0002	Central	Smartphone	1/11/2024	8	1197.46	Credit Card
EMP0002	East	Desktop	2/24/2024	12	520.2	Credit Card
EMP0002	South	Smartphone	3/14/2024	12	1290.09	Credit Card
EMP0003	Central	Desktop	1/20/2024	14	1331.88	PayPal

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Column statistics

Count	247
Error	0
Empty	0
Distinct	50
Unique	3
Empty string	0
Min	EMP0001
Max	EMP0050

Value distribution

Queries [6]

Sales_January

Sales_February

Sales_March

Employee Dataset

Best Selling Video Games

Total Sales

= Table.TransformColumnTypes(#"Renamed Columns", {"Order_Date", type date})

A ₁ Employee_ID	A ₂ Region	A ₃ Product	A ₄ Order_Date	A ₅ Quantity	A ₆ Unit_Price	A ₇ Payment_M
EMP0008	North	Mouse	1/21/2024	8	485.79	Credit Card
EMP0015	Central	Headphones	1/7/2024	1	1144.43	PayPal
EMP0001	South	Scanner	1/26/2024	11	591.85	Debit Card
EMP0023	Central	Mouse	1/12/2024	2	1472.98	PayPal
EMP0041	Central	Printer	1/27/2024	19	424.96	Credit Card
EMP0045	North	Headphones	1/9/2024	6	1091.57	Debit Card
EMP0049	North	Desktop	1/3/2024	5	1279.52	Bank transfer
EMP0017	Central	Laptop	1/17/2024	4	1379.34	PayPal
EMP0024	South	Smartphone	1/5/2024	17	1841.06	PayPal
EMP0020	South	Laptop	1/21/2024	8	1762.12	Credit Card
EMP0009	South	Tablet	1/25/2024	18	372	PayPal
EMP0013	East	Scanner	1/23/2024	12	904.3	PayPal
EMP0002	Central	Smartphone	1/21/2024	8	1197.46	Credit Card
EMP0022	North	Smartphone	1/28/2024	8	593.03	Bank Transfer
EMP0031	South	Tablet	1/19/2024	14	421.3	Credit Card
EMP0047	North	Desktop	1/28/2024	2	835.11	Cash
EMP0009	West	Monitor	1/15/2024	9	952.12	Credit Card
EMP0001	North	Keyboard	1/27/2024	6	842.51	Bank Transfer
EMP0025	East	Tablet	1/2/2024	10	874.86	PayPal
EMP0038	Central	Laptop	1/2/2024	11	161.47	PayPal
EMP0006	South	Desktop	1/17/2024	20	182.52	Debit Card
EMP0003	Central	Desktop	1/20/2024	14	1331.88	PayPal
EMP0016	East	Scanner	1/11/2024	5	1359.8	Cash
EMP0037	North	Desktop	1/20/2024	18	465.65	Cash

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12 COLUMNS, 79 ROWS Column profiling based on top 1000 rows

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Queries [6]

Sales_January

Sales_February

Sales_March

Employee Dataset

Best Selling Video Games

Total Sales

= Table.TransformColumnTypes(#"Removed Columns1", {"Unit_Price", each Number.Round(_, 2), type number})

A ₁ Employee_ID	A ₂ Region	A ₃ Product	A ₄ Order_Date	A ₅ Quantity	A ₆ Unit_Price	A ₇ Payment_M
EMP0011	East	Tablet	2/27/2024	10	1505.79	Cash
EMP0044	West	Smartphone	2/6/2024	12	226.09	Bank Transfer
EMP0044	East	Headphones	2/12/2024	13	1653.71	Cash
EMP0021	Central	Keyboard	2/18/2024	3	1289.04	Bank Transfer
EMP0020	West	Desktop	2/2/2024	4	507.88	PayPal
EMP0045	Central	Scanner	2/24/2024	19	1497.42	Debit Card
EMP0003	East	Keyboard	2/9/2024	15	917.16	Debit Card
EMP0004	West	Mouse	2/12/2024	7	1938	Bank Transfer
EMP0022	South	Monitor	2/2/2024	19	450.15	PayPal
EMP0039	North	Mouse	2/5/2024	5	1975.68	PayPal
EMP0008	North	Tablet	2/17/2024	15	1567.13	PayPal
EMP0047	Central	Mouse	2/2/2024	15	1304.51	Credit Card
EMP0032	West	Desktop	2/4/2024	3	678.12	Debit Card
EMP0036	East	Scanner	2/19/2024	20	1084.59	Bank Transfer
EMP0050	Central	Keyboard	2/21/2024	14	930.53	Debit Card
EMP0028	North	Printer	2/7/2024	5	1134.92	PayPal
EMP0028	North	Mouse	2/25/2024	20	659.28	Credit Card
EMP0036	East	Desktop	2/12/2024	9	1169.5	Bank Transfer
EMP0049	East	Printer	2/23/2024	12	61.91	Debit Card
EMP0006	Central	Keyboard	2/1/2024	13	868.67	Cash
EMP0037	Central	Desktop	2/25/2024	2	355.38	PayPal
EMP0032	Central	Tablet	2/4/2024	14	582.68	PayPal
EMP0044	Central	Tablet	2/2/2024	17	1350.91	Credit Card
EMP0020	South	Monitor	2/7/2024	9	614.42	Credit Card

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13 COLUMNS, 88 ROWS Column profiling based on top 1000 rows

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Queries [6]

Sales_January
Sales_February
Sales_March
Employee Dataset
Best Selling Video Games
Total Sales

Table.RenameColumns(#"Rounded Off",{{"total_Amount", "Total_Amount"}})

A _c Employee_ID	A _c Region	A _c Product	A _c Order_Date	V _d Quantity	L ₂ Unit_Price	A _c Payment_M
1 EMP0017	West	Keyboard	3/1/2024	15	1519.83	Cash
2 EMP0016	North	Desktop	3/2/2024	15	648.27	Bank Transfer
3 EMP0015	South	Tablet	3/3/2024	5	937.21	PayPal
4 EMP0035	South	Keyboard	3/5/2024	20	1752.61	Credit Card
5 EMP0004	Central	Smartphone	3/4/2024	7	2166.77	Debit Card
6 EMP0014	Central	Tablet	3/2/2024	3	1802.89	Bank Transfer
7 EMP0037	North	Smartphone	3/15/2024	15	1361.5	Cash
8 EMP0014	Central	Desktop	3/4/2024	2	876.21	Credit Card
9 EMP0012	South	Scanner	3/14/2024	12	1986.07	Bank Transfer
10 EMP0001	North	Mouse	3/2/2024	15	1363.32	PayPal
11 EMP0030	East	Monitor	3/8/2024	9	417.54	Credit Card
12 EMP0014	North	Desktop	3/9/2024	20	115.47	PayPal
13 EMP0021	South	Mouse	3/2/2024	5	1972.11	PayPal
14 EMP0038	South	Scanner	3/18/2024	18	1016.46	Cash
15 EMP0010	East	Scanner	3/14/2024	6	1521.11	Bank Transfer
16 EMP0042	North	Tablet	3/11/2024	12	230.3	Debit Card
17 EMP0001	South	Keyboard	3/10/2024	4	1508.41	Bank Transfer
18 EMP0021	East	Scanner	3/18/2024	15	1090.62	Bank Transfer
19 EMP0007	West	Printer	3/15/2024	7	772.87	Bank Transfer
20 EMP0038	Central	Scanner	3/18/2024	10	347.2	Cash
21 EMP0036	East	Mouse	3/16/2024	16	1934.69	Bank Transfer
22 EMP0009	South	Desktop	3/14/2024	5	67.83	PayPal
23 EMP0040	West	Tablet	3/2/2024	1	62.89	PayPal
24 EMP0035	East	Laptop	3/9/2024	17	1635.66	Bank Transfer
25						

16 COLUMNS, 80 ROWS Column profiling based on top 1000 rows

Query Settings

Properties Name: Sales_March
All Properties

Applied Steps Source
Navigation
Promoted Headers
Changed Type
Removed Columns
Replaced Value
Replaced Value1
Filtered Rows
Filtered Rows1
Inserted Rounding
Inserted Multiplication
Renamed Columns
Changed Type1
Inserted Day
Inserted Month Name
Inserted Quarter
Inserted Year
Renamed Columns1
Removed Columns1
Rounded Off
Renamed Columns2

Queries [6]

Sales_January
Sales_February
Sales_March
Employee Dataset
Best Selling Video Games
Total Sales

Table.AddColumn(#"Inserted Month Name", "Month", each Date.Month([Join Date]), Int64.Type)

A _c EmployeeID	A _c First Name	A _c Last Name	A _c Department	A _c Region	A _c Join Date	A _c First Name
1 EMP0001	Michelle	Hill	Sales	Middle East & Africa	12/17/2017	MICHELLE
2 EMP0002	Sarah	Walker	Engineering	Latin America	6/22/2022	SARAH
3 EMP0003	Matthew	Wright	Engineering	Europe	1/27/2015	MATTHEW
4 EMP0004	Thomas	Adams	Finance	Europe	7/28/2016	THOMAS
5 EMP0005	Mary	Martin	Human Resources	North America	7/11/2017	MARY
6 EMP0006	Donald	Adams	Finance	Asia Pacific	10/5/2020	DONALD
7 EMP0007	Sarah	Brown	Engineering	North America	9/27/2023	SARAH
8 EMP0008	Sandra	Thomas	Sales	Latin America	3/9/2022	SANDRA
9 EMP0009	Michelle	Thomas	Marketing	Europe	8/2/2015	MICHELLE
10 EMP0010	Paul	Flores	Human Resources	Europe	6/30/2015	PAUL
11 EMP0011	Michael	Johnson	IT	Middle East & Africa	5/24/2019	MICHAEL
12 EMP0012	James	Nguyen	IT	Middle East & Africa	4/13/2015	JAMES
13 EMP0013	Emily	Thomas	Marketing	North America	1/4/2018	EMILY
14 EMP0014	Mary	Moore	Engineering	Middle East & Africa	1/13/2013	MARY
15 EMP0015	Mark	Gonzalez	Marketing	Asia Pacific	8/28/2016	MARK
16 EMP0016	Patricia	Anderson	Sales	Middle East & Africa	9/17/2015	PATRICIA
17 EMP0017	Sarah	Miller	IT	North America	6/3/2017	SARAH
18 EMP0018	Daniel	Jackson	Legal	Europe	12/25/2020	DANIEL
19 EMP0019	Ashley	Flores	Operations	Latin America	1/13/2015	ASHLEY
20 EMP0020	Ashley	Lewis	Finance	Middle East & Africa	12/13/2024	ASHLEY
21 EMP0021	Margaret	Johnson	IT	Europe	3/10/2017	MARGARET
22 EMP0022	Kenneth	Hernandez	Legal	Latin America	5/10/2023	KENNETH
23 EMP0023	Anthony	Jackson	Customer Service	North America	7/18/2022	ANTHONY
24 EMP0024	Susan	Harris	Engineering	Latin America	6/26/2017	SUSAN
25						

10 COLUMNS, 100 ROWS Column profiling based on top 1000 rows

Query Settings

Properties Name: Employee Dataset
All Properties

Applied Steps Source
Navigation
Promoted Headers
Changed Type
Inserted Text Before Delimiter
Uppercased Text
Split Column by Delimiter
Changed Type1
Renamed Columns
Inserted Age
Calculated Total Years
Renamed Columns1
Rounded Down
Inserted Month Name
Inserted Month

Queries [6]

Best Selling Video Game...

Total Sales

9 COLUMNS, 41 ROWS Column profiling based on top 1000 rows

Query Settings

PROPERTIES

Name: Best Selling Video Games (WEB)

All Properties

APPLIED STEPS

Source: Extracted Table From Html
Promoted Headers
Changed Type
Filtered Rows

#	Rank	Title	Sales(millions)	Series	Platform(s)	Releaseyear
1	1	350 Minecraft	350	Minecraft	Multi-platform	2011[b]
2	2	220 Grand Theft Auto	220	Grand Theft Auto	Multi-platform	2013
3	3	82.9 Wii	82.9	Wii	Wii	2006
4	4	79 Red Dead	79	Red Dead	Multi-platform	2018
5	5	78.02 Mario Kart	78.02	Mario Kart	Wii U / Switch	2014
6	6	75 PUBG Universe	75	PUBG Universe	Multi-platform	2017
7	7	64 None	64	None	Multi-platform	2011
8	8	60 The Witcher	60	The Witcher	Multi-platform	2015
9	9	58 Super Mario	58	Super Mario	Multi-platform	1985
10	10	55 None	55	None	Multi-platform	2016
11	11	50 Overwatch	50	Overwatch	Multi-platform	2016
12	12	48.62 Animal Crossing: New Horizons	48.62	Animal Crossing: New Horizons	Nintendo Switch	2020
13	13	47.44 Pokémon	47.44	Pokémon	Multi-platform	1996
14	14	43.8 Wii	43.8	Wii	Wii	2007
15	15	43 Call of Duty	43	Call of Duty	Multi-platform	2015
16	16	41 Call of Duty: Modern Warfare	41	Call of Duty: Modern Warfare	Multi-platform	2019
17	17	40 Wizarding World	40	Wizarding World	Multi-platform	2023
18	18	37.38 Mario Kart	37.38	Mario Kart	Wii	2008
19	19	36.93 Super Smash Bros.	36.93	Super Smash Bros.	Nintendo Switch	2018
20	20	35.04 The Legend of Zelda: Breath of the Wild	35.04	The Legend of Zelda: Breath of the Wild	Multi-platform	2017
21	21	35 Tetris	35	Tetris	Game Boy	1989
22	22	33.14 Wii Sports Resort	33.14	Wii Sports Resort	Wii	2009
23	23	30.8 Super Mario Bros.	30.8	Super Mario Bros.	Nintendo DS	2006
24	24	30.8 Super Mario	30.8	Super Mario	Wii	2009
25	25	30.12 Call of Duty: Warzone	30.12	Call of Duty: Warzone	Multi-platform	2021

9 COLUMNS, 41 ROWS Column profiling based on top 1000 rows

Query Settings

PROPERTIES

Name: Total Sales

All Properties

APPLIED STEPS

Source: Removed Columns
Inserted Month
Pivoted Column
Unpivoted Only Selected Colu...
Renamed Columns
Merged Queries
Expanded Employee Dataset
Removed Columns1

#	Employee_ID	Region	Product	Order Date	Quantity	Unit Price	Payment Method
1	EMP0001	Central	Monitor	1/10/2024	9	138.76	Credit Card
2	EMP0001	North	Keyboard	1/21/2024	6	842.51	Bank Transfer
3	EMP0001	North	Mouse	3/27/2024	15	1363.32	PayPal
4	EMP0001	South	Keyboard	3/10/2024	4	1506.41	Bank Transfer
5	EMP0001	South	Scanner	1/15/2024	5	195.92	Cash
6	EMP0001	South	Scanner	1/26/2024	11	591.85	Debit Card
7	EMP0002	Central	Smartphone	1/11/2024	8	1197.46	Credit Card
8	EMP0002	East	Desktop	2/24/2024	12	520.2	Credit Card
9	EMP0002	South	Smartphone	3/14/2024	12	1290.09	Credit Card
10	EMP0003	Central	Desktop	1/20/2024	14	1331.88	PayPal
11	EMP0003	Central	Scanner	3/20/2024	11	1931.15	Bank Transfer
12	EMP0003	East	Keyboard	2/9/2024	15	917.16	Debit Card
13	EMP0004	Central	Smartphone	3/4/2024	7	1166.77	Debit Card
14	EMP0004	Central	Tablet	2/24/2024	6	1072.25	PayPal
15	EMP0004	North	Scanner	2/6/2024	11	1448.85	Credit Card
16	EMP0004	West	Mouse	2/12/2024	7	1938	Bank Transfer
17	EMP0004	West	Smartphone	3/3/2024	10	1275.71	PayPal
18	EMP0005	Central	Headphones	3/5/2024	1	1240.12	Debit Card
19	EMP0005	Central	Monitor	2/25/2024	17	765.55	Cash
20	EMP0005	East	Headphones	2/15/2024	14	1168.13	Bank Transfer
21	EMP0005	East	Scanner	2/3/2024	16	1075.11	Bank Transfer
22	EMP0006	Central	Keyboard	2/1/2024	13	868.67	Cash
23	EMP0006	Central	Monitor	2/23/2024	2	583.1	Bank Transfer
24	EMP0006	East	Keyboard	2/28/2024	18	585.18	Bank Transfer
25	EMP0006	East	Keyboard	2/28/2024	18	585.18	Bank Transfer