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SELECT *
FROM (
    SELECT RowNum, Id, ProductName, UnitPrice, MAX(RowNum) OVER (ORDER BY (SELECT 1)) AS RowLast
    FROM (
        SELECT ROW_NUMBER() OVER (ORDER BY UnitPrice) AS RowNum, Id, ProductName, UnitPrice
        FROM Product
    ) AS DerivedTable
    ) Report
WHERE Report.RowNum >= 0.2 * RowLast

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	RowNum	Id	ProductName	UnitPrice	RowLast
1	16	46	Spegesild	12.00	78
2	17	68	Scottish Longbreads	12.50	78
3	18	31	Gorgonzola Telino	12.50	78
4	19	48	Chocolade	12.75	78
5	20	77	Original Frankfurter grüne Soße	13.00	78
6	21	58	Escargots de Bourgogne	13.25	78
7	22	67	Laughing Lumberjack Lager	14.00	78
8	23	42	Singaporean Hokkien Fried Mee	14.00	78
9	24	34	Sasquatch Ale	14.00	78
10	25	25	NuNuCa Nuß-Nougat-Creme	14.00	78
11	26	73	Röd Kaviar	15.00	78
12	27	70	Outback Lager	15.00	78

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SELECT Id, OrderId, ProductId, Quantity, ProductName, STR([Percent]*100, 5, 2) + '%' AS [Percent]
FROM (
    SELECT I.Id, I.OrderId, I.ProductId, I.Quantity, P.ProductName,
        CAST(I.Quantity AS decimal) / (SUM(I.Quantity) OVER (PARTITION BY I.OrderId)) AS [Percent]
    FROM OrderItem I JOIN Product P ON I.ProductId = P.Id
    ) Report
ORDER BY Id

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	Id	OrderId	ProductId	Quantity	ProductName	Percent
1	1	1	11	12	Queso Cabrales	44.44%
2	2	1	42	10	Singaporean Hokkien Fried Mee	37.04%
3	3	1	72	5	Mozzarella di Giovanni	18.52%
4	4	2	14	9	Tofu	18.37%
5	5	2	51	40	Manjimup Dried Apples	81.63%
6	6	3	41	10	Jack's New England Clam Chowder	16.67%
7	7	3	51	35	Manjimup Dried Apples	58.33%
8	8	3	65	15	Louisiana Fiery Hot Pepper Sauce	25.00%
9	9	4	22	6	Gustaf's Knäckebröd	14.63%
10	10	4	57	15	Ravioli Angelo	36.59%
11	11	4	65	20	Louisiana Fiery Hot Pepper Sauce	48.78%
12	12	5	70	40	Sir Rodney's Marmalade	20.10%

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IF EXISTS (SELECT * FROM INFORMATION_SCHEMA.TABLES
           WHERE TABLE_NAME = N'WantedCountries')
BEGIN
    DROP TABLE WantedCountries
END

SELECT Id, Country, 1 AS [Type] INTO WantedCountries
FROM Supplier
WHERE Country LIKE '%USA%' OR Country LIKE '%UK%' OR Country LIKE '%France%' OR Country LIKE '%Germany%' OR Country LIKE '%Others%'
UNION
SELECT Id, 'Others' AS Country, 1 AS [Type]
FROM Supplier
WHERE Country NOT LIKE '%USA%' AND Country NOT LIKE '%UK%' AND Country NOT LIKE '%France%' AND
      Country NOT LIKE '%Germany%' AND Country NOT LIKE '%Others%'
ORDER BY Id

SELECT SupplierByCountry.Id, S.CompanyName,
       ISNULL(SupplierByCountry.[USA], 0) AS [USA],
       ISNULL(SupplierByCountry.[UK], 0) AS [UK],
       ISNULL(SupplierByCountry.[France], 0) AS [France],
       ISNULL(SupplierByCountry.[Germany], 0) AS [Germany],
       ISNULL(SupplierByCountry.[Others], 0) AS [Others]
FROM (
    SELECT * FROM WantedCountries
    PIVOT (SUM([Type]) FOR Country IN ([USA], [UK], [France], [Germany], [Others])) AS PivotedSupplier
) SupplierByCountry
INNER JOIN Supplier S ON SupplierByCountry.Id = S.Id

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	Id	CompanyName	USA	UK	France	Germany	Others
1	1	Exotic Liquids	0	1	0	0	0
2	2	New Orleans Cajun Delights	1	0	0	0	0
3	3	Grandma Kelly's Homestead	1	0	0	0	0
4	4	Tokyo Traders	0	0	0	0	1
5	5	Cooperativa de Quesos 'Las Cabras'	0	0	0	0	1
6	6	Mayumi's	0	0	0	0	1
7	7	Pavlova, Ltd.	0	0	0	0	1
8	8	Specialty Biscuits, Ltd.	0	1	0	0	0
9	9	PB Knäckebröd AB	0	0	0	0	1
10	10	Refrescos Americanas LTDA	0	0	0	0	1
11	11	Heli Süßwaren GmbH & Co. KG	0	0	0	1	0
12	12	Plata y Caja S.A.	0	0	0	1	0

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SELECT OrderNumber, OrderDate = REPLACE(CONVERT(VARCHAR(10), OrderDate, 103), '/', ' '),
       CustomerName = C.FirstName + ' ' + C.LastName,
       Address = 'Phone: ' + C.Phone + '. City: ' + C.City + ' and Country: ' + C.Country,
       TotalAmount = LTRIM(STR(CAST(TotalAmount AS decimal))) + ' Euro'
FROM [Order] O JOIN Customer C ON O.CustomerId = C.Id

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	OrderNumber	OrderDate	CustomerName	Address	TotalAmount
1	542773	25 08 2013	Maria Anders	Phone: 030-0074321. City: Berlin and Country: Ger...	1086 Euro
2	542822	03 10 2013	Maria Anders	Phone: 030-0074321. City: Berlin and Country: Ger...	878 Euro
3	542832	13 10 2013	Maria Anders	Phone: 030-0074321. City: Berlin and Country: Ger...	330 Euro
4	542965	15 01 2014	Maria Anders	Phone: 030-0074321. City: Berlin and Country: Ger...	851 Euro
5	543082	16 03 2014	Maria Anders	Phone: 030-0074321. City: Berlin and Country: Ger...	491 Euro
6	543141	09 04 2014	Maria Anders	Phone: 030-0074321. City: Berlin and Country: Ger...	960 Euro
7	543056	04 03 2014	Ana Trujillo	Phone: (5) 555-4729. City: México D.F. and Countr...	514 Euro
8	542889	28 11 2013	Ana Trujillo	Phone: (5) 555-4729. City: México D.F. and Countr...	320 Euro
9	542755	08 08 2013	Ana Trujillo	Phone: (5) 555-4729. City: México D.F. and Countr...	480 Euro
10	542438	18 09 2012	Ana Trujillo	Phone: (5) 555-4729. City: México D.F. and Countr...	89 Euro
11	542495	27 11 2012	Antonio Moreno	Phone: (5) 555-3932. City: México D.F. and Countr...	403 Euro

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SELECT Id, ProductName, SupplierId, UnitPrice, Package = REPLACE(Package, 'bags', N'túi')
FROM Product
WHERE Package LIKE '%bags%'

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	Id	ProductName	SupplierId	UnitPrice	Package
1	1	Chai	1	18.00	10 boxes x 20 túi
2	26	Gumbär Gummibärchen	11	31.23	100 - 250 g túi
3	29	Thüringer Rostbratwurst	12	123.79	50 túi x 30 sausgs.
4	44	Gula Malacca	20	19.45	20 - 2 kg túi
5	64	Wimmers gute Semmelknödel	12	33.25	20 túi x 4 pieces

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SELECT C.Id, CustomerName = C.FirstName + ' ' + C.LastName,
       OrderAmount = COUNT(O.Id),
       TotalAmount = SUM(ISNULL(O.TotalAmount, 0)),
       [Rank] = DENSE_RANK() OVER (ORDER BY COUNT(O.Id) DESC),
       [Group] = NTILE(3) OVER (ORDER BY COUNT(O.Id) DESC)
FROM Customer C LEFT JOIN [Order] O ON C.Id = O.CustomerId
GROUP BY C.Id, C.FirstName, C.LastName

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	Id	CustomerName	OrderAmount	TotalAmount	Rank	Group
1	71	Jose Pavarotti	31	115673.39	1	1
2	20	Roland Mendel	30	113236.68	2	1
3	63	Horst Kloss	28	117483.39	3	1
4	37	Patricia McKenna	19	57317.39	4	1
5	24	Maria Larsson	19	32555.55	4	1
6	35	Carlos Hernández	18	23611.58	5	1
7	5	Christina Berglund	18	26968.15	5	1
8	65	Paula Wilson	18	52245.90	5	1
9	9	Laurence Lebihan	17	23850.95	6	1
10	25	Peter Franken	15	28722.71	7	1
11	44	Renate Messner	15	21282.02	7	1
	Id	CustomerName	OrderAmount	TotalAmount	Rank	Group
30	11	Victoria Ashworth	10	6089.90	12	1
31	68	Michael Holz	10	20033.20	12	1
32	59	Georg Pippis	10	26259.95	12	2
33	49	Giovanni Rovelli	10	7603.85	12	2
34	55	Rene Phillips	10	16325.15	12	2
35	56	Henriette Pfalz...	10	13157.50	12	2
36	38	Helen Bennett	10	6146.30	12	2
37	84	Mary Saveley	10	9937.10	12	2
38	80	Miguel Angel Pa...	10	10812.15	12	2
39	86	Rita Müller	10	10653.85	12	2
40	88	Paula Parente	9	6480.70	13	2