

```

154      cu.country,
155      COUNT(o.orderID) AS totalOrders
156 FROM customers cu
157 JOIN orders o ON cu.customerID = o.customerID
158 GROUP BY cu.country
159 ORDER BY totalOrders DESC;
160

```

country	totalOrders
Germany	120
USA	119
Brazil	81
France	75
UK	56
Venezuela	43
Austria	38
Sweden	37
Canada	29
Mexico	27
Italy	27
Spain	23
Finland	22
Ireland	19

```

161 • SELECT
162      p.productName,
163      SUM(od.quantity) AS totalOrdered
164 FROM orderdetails od
165 JOIN products p ON od.productID = p.productID
166 GROUP BY p.productName
167 ORDER BY totalOrdered DESC
168 LIMIT 3;

```

productName	totalOrdered
Camembert Pierrot	1504
Radette Courdavault	1496
Gorgonzola Telino	1377

```

183
184 • SELECT
185      e.employeeName AS Employee,
186      m.employeeName AS ReportsTo
187 FROM
188      employees e
189 JOIN
190      employees m ON e.reportsTo = m.employeeID;
191

```

Employee	ReportsTo
Nancy Davolio	Laura Callahan
Janet Leverling	Laura Callahan
Margaret Peacock	Laura Callahan
Michael Suyama	Steven Buchanan
Robert King	Steven Buchanan
Anne Devereaux	Steven Buchanan

```

170 • SELECT
171      s.companyName AS Shipper,
172      COUNT(o.orderID) AS TotalOrders,
173      SUM(o.freight) AS TotalFreight
174 FROM
175      orders o
176 JOIN
177      shippers s ON o.shipperID = s.shipperID
178 GROUP BY
179      s.companyName
180 ORDER BY
181      TotalFreight DESC
182 LIMIT 3;

```

Shipper	TotalOrders	TotalFreight
United Package	315	27556.76
Federal Shipping	249	20363.10
Speedy Express	245	16035.16


```

119 • SELECT
120     country,
121     COUNT(*) AS customer_count
122 FROM customers
123 GROUP BY country
124 ORDER BY customer_count DESC;

```

country	customer_count
USA	13
Germany	11
France	11
Brazil	9
UK	7
Mexico	5
Spain	5
Venezuela	4
Canada	3
Argentina	3
Italy	3
Sweden	2
Switzerland	2
Austria	2
Portugal	2
Belgium	2
Denmark	2

```

127 • SELECT
128     p.productName,
129     c.categoryName,
130     p.unitPrice
131 FROM products p
132 JOIN categories c ON p.categoryID = c.categoryID
133 WHERE p.discontinued = 1;

```

productName	categoryName	unitPrice
Chef Anton's Gumbo Mix	Condiments	21.35
Mishi Kobe Niku	Meat & Poultry	97.00
Alice Mutton	Meat & Poultry	39.00
Guarana Fantastica	Beverages	4.50
Rössle Sauerkraut	Produce	45.60
Thüringer Rostbratwurst	Meat & Poultry	123.79
Singaporean Hokkien Fried Mee	Grains & Cereals	14.00
Perth Pasties	Meat & Poultry	32.80

```

135 • SELECT
136     c.customerID,
137     c.companyName,
138     COUNT(o.orderID) AS totalOrders
139 FROM customers c
140 JOIN orders o ON c.customerID = o.customerID
141 GROUP BY c.customerID, c.companyName
142 ORDER BY totalOrders DESC
143 LIMIT 5;

```

customerID	companyName	totalOrders
SAVEA	Save-a-lot Markets	31
QUICK	QUICK-Stop	28
ERNSH	Ernst Handel	28
FOLKO	Folk och få HB	19
HUNGO	Hungry Owl All-Night Grocers	19

```

145 • SELECT
146     c.categoryID,
147     c.categoryName,
148     ROUND(AVG(p.unitPrice), 2) AS avgUnitPrice
149 FROM categories c
150 JOIN products p ON c.categoryID = p.categoryID
151 GROUP BY c.categoryID, c.categoryName;
152

```

categoryID	categoryName	avgUnitPrice
1	Beverages	37.98
2	Condiments	23.06
3	Confections	25.16
4	Dairy Products	28.73
5	Grains & Cereals	20.25
6	Meat & Poultry	54.01
7	Produce	32.37
8	Seafood	20.68


```

9
10 • SELECT *
11 FROM customers
12 WHERE country = 'Germany';
13
14

```

CustomerID	CompanyName	ContactName	ContactTitle	City	Country
ALFKI	Alfreds Futterkiste	Maria Anders	Sales Representative	Berlin	Germany
BLAUS	Blauer See Delikatessen	Hanna Moos	Sales Representative	Mannheim	Germany
DRACD	Drachenblut Delikatessen	Sven Ottlieb	Order Administrator	Aachen	Germany
FRANK	Frankenversand	Peter Franken	Marketing Manager	München	Germany
KOENE	Königlich Essen	Philp Cramer	Sales Associate	Brandenburg	Germany
LEHMS	Lehmanns Marktstand	Renate Messner	Sales Representative	Frankfurt a.M.	Germany
MORGK	Morgenstern Gesundkost	Alexander Feuer	Marketing Assistant	Leipzig	Germany
OTTIK	Ottiles Käseladen	Henriette Pfalzheim	Owner	Köln	Germany
QUICK	QUICK-Stop	Horst Kloss	Accounting Manager	Cunewalde	Germany
TOMSP	Toms Spezialitäten	Karin Josephs	Marketing Manager	Münster	Germany
WANDK	Die Wandernde Kuh	Rita Müller	Sales Representative	Stuttgart	Germany

```

102 • SELECT
103     country,
104     COUNT(customerID) AS total_customers
105 FROM customers
106 GROUP BY country
107 ORDER BY total_customers DESC;

```

country	total_customers
UK	7
Mexico	5
Spain	5
Venezuela	4
Canada	3
Argentina	3
Italy	3
Sweden	2
Switzerland	2
Austria	2
Portugal	2
Belgium	2
Denmark	2
Finland	2
Ireland	1
Norway	1
Poland	1

```

94 • SELECT
95     e.employeeID,
96     e.employeeName AS Employee,
97     m.employeeName AS Manager
98 FROM employees e
99 LEFT JOIN employees m ON e.reportsTo = m.employeeID;
100

```

employeeID	Employee	Manager
1	Nancy Davolio	Laura Callahan
3	Janet Leverling	Laura Callahan
4	Margaret Peacock	Laura Callahan
5	Steven Buchanan	NULL
6	Michael Suyama	Steven Buchanan
7	Robert King	Steven Buchanan
8	Laura Callahan	NULL
9	Anne Dodsworth	Steven Buchanan

```

110 • SELECT
111     productName,
112     unitPrice,
113     quantityPerUnit
114 FROM products
115 ORDER BY unitPrice DESC
116 LIMIT 5;
117

```

productName	unitPrice	quantityPerUnit
Côte de Blaye	263.50	12 - 75 cl bottles
Thüringer Rostbratwurst	123.79	50 bags x 30 sausgs.
Mishi Kobe Niku	97.00	18 - 500 g pkgs.
Sir Rodney's Marmalade	81.00	30 gift boxes
Carnarvon Tigers	62.50	16 kg pkg.