```sql
302  SELECT
303      Customers.CustomerID,
304      Customers.FirstName,
305      Customers.LastName,
306      COUNT(DISTINCT OrderDetails.ProductID) AS ProductCount
307  FROM
308      Orders
309  JOIN
310      OrderDetails ON Orders.OrderID = OrderDetails.OrderID
311  JOIN
312      Customers ON Orders.CustomerID = Customers.CustomerID
313  GROUP BY
314      Customers.CustomerID,
315      Customers.FirstName,
316      Customers.LastName
317  HAVING
318      COUNT(DISTINCT OrderDetails.ProductID) > 3;
319
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ⫯A

	CustomerID	FirstName	LastName	ProductCount

```sql
287 •    SELECT
288          Products.ProductID,
289          Products.ProductName,
290          SUM(OrderDetails.Quantity * OrderDetails.Price) AS TotalSalesAmount
291      FROM
292          OrderDetails
293      JOIN
294          Products ON OrderDetails.ProductID = Products.ProductID
295      GROUP BY
296          Products.ProductID,
297          Products.ProductName
298      ORDER BY
299          TotalSalesAmount DESC
300      LIMIT 3;
301
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

ProductID	ProductName	TotalSalesAmount
1	Laptop	3100
2	Smartphone	1000
3	Tablet	400

```sql
SELECT
    Customers.CustomerID,
    Customers.FirstName,
    Customers.LastName
FROM
    Customers
LEFT JOIN
    Orders ON Customers.CustomerID = Orders.CustomerID
WHERE
    Orders.CustomerID IS NULL;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

CustomerID	FirstName	LastName

```sql
SELECT
    Category,
    AVG(Price) AS AveragePrice
FROM
    Products
GROUP BY
    Category;
```

Category	AveragePrice
Electronics	430.0000
Accessories	26.0000

Result Grid | Filter Rows: | Export: | Wrap Cell Content: 𝐀

```sql
254 •   SELECT
255         Customers.CustomerID,
256         Customers.FirstName,
257         Customers.LastName,
258         SUM(Orders.TotalAmount) AS TotalSpent
259     FROM
260         Orders
261     JOIN
262         Customers ON Orders.CustomerID = Customers.CustomerID
263     GROUP BY
264         Customers.CustomerID,
265         Customers.FirstName,
266         Customers.LastName;
267
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: $\overline{\text{A}}$

CustomerID	FirstName	LastName	TotalSpent
1	John	Doe	1050
2	Jane	Smith	550
3	Alice	Johnson	1000
4	Bob	Brown	70
5	Charlie	Davis	520
6	David	Wilson	230
7	Emma	Thomas	1200
8	Fiona	Garcia	50
9	George	Martinez	350
10	Hannah	Rodriguez	40

```sql
242  ●   SELECT
243          Products.Category,
244          SUM(OrderDetails.Quantity * OrderDetails.Price) AS TotalRevenue
245      FROM
246          OrderDetails
247      JOIN
248          Products ON OrderDetails.ProductID = Products.ProductID
249      JOIN
250          Orders ON OrderDetails.OrderID = Orders.OrderID
251      GROUP BY
252          Products.Category;
253
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	Category	TotalRevenue
▶	Electronics	4580
	Accessories	580

```sql
224 ●     SELECT
225           Customers.CustomerID,
226           Customers.FirstName,
227           Customers.LastName
228       FROM
229           Orders
230       JOIN
231           OrderDetails ON Orders.OrderID = OrderDetails.OrderID
232       JOIN
233           Customers ON Orders.CustomerID = Customers.CustomerID
234       GROUP BY
235           Customers.CustomerID,
236           Customers.FirstName,
237           Customers.LastName,
238           Orders.OrderID
239       HAVING
240           COUNT(OrderDetails.ProductID) > 1;
241
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

CustomerID	FirstName	LastName
1	John	Doe
2	Jane	Smith
4	Bob	Brown
5	Charlie	Davis
6	David	Wilson
7	Emma	Thomas
8	Fiona	Garcia
9	George	Martinez

```sql
209 ●    SELECT
210          Products.Category,
211          COUNT(DISTINCT Orders.OrderID) AS NumberOfOrders
212      FROM
213          OrderDetails
214      JOIN
215          Orders ON OrderDetails.OrderID = Orders.OrderID
216      JOIN
217          Products ON OrderDetails.ProductID = Products.ProductID
218      GROUP BY
219          Products.Category
220      ORDER BY
221          NumberOfOrders DESC
222      LIMIT 1;
223
224      |
```

Result Grid | 📊 | 🔁 Filter Rows: [   ] | Export: 💾 | Wrap Cell Content: 🔤 | Fetch rows: 📥

Category	NumberOfOrders
▶ Electronics	9

```sql
195 ●    SELECT
196          Customers.CustomerID,
197          Customers.FirstName,
198          Customers.LastName,
199          AVG(Orders.TotalAmount) AS AverageOrderValue
200      FROM
201          Orders
202      JOIN
203          Customers ON Orders.CustomerID = Customers.CustomerID
204      GROUP BY
205          Customers.CustomerID,
206          Customers.FirstName,
207          Customers.LastName;
208
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

CustomerID	FirstName	LastName	AverageOrderValue
1	John	Doe	1050.0000
2	Jane	Smith	550.0000
3	Alice	Johnson	1000.0000
4	Bob	Brown	70.0000
5	Charlie	Davis	520.0000
6	David	Wilson	230.0000
7	Emma	Thomas	1200.0000
8	Fiona	Garcia	50.0000
9	George	Martinez	350.0000
10	Hannah	Rodriguez	40.0000

```sql
181 ●    SELECT
182          Orders.OrderID,
183          Orders.OrderDate,
184          Products.ProductName,
185          OrderDetails.Quantity
186      FROM
187          Orders
188      JOIN
189          OrderDetails ON Orders.OrderID = OrderDetails.OrderID
190      JOIN
191          Products ON OrderDetails.ProductID = Products.ProductID
192      WHERE
193          Orders.CustomerID = 2;
194      |
```

Result Grid | ▦ | ↔ Filter Rows: _____ | Export: 🖫 | Wrap Cell Content: ‡A

	OrderID	OrderDate	ProductName	Quantity
▶	2	2023-06-05	Smartphone	1
	2	2023-06-05	Charger	1

```sql
171  ●      SELECT
172              Products.ProductID,
173              Products.ProductName
174          FROM
175              Products
176          LEFT JOIN
177              OrderDetails ON Products.ProductID = OrderDetails.ProductID
178          WHERE
179              OrderDetails.ProductID IS NULL;
180
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: A

	ProductID	ProductName
▶	6	Keyboard

```sql
156 ●    SELECT
157          Customers.CustomerID,
158          Customers.FirstName,
159          Customers.LastName
160      FROM
161          Orders
162      JOIN
163          Customers ON Orders.CustomerID = Customers.CustomerID
164      GROUP BY
165          Customers.CustomerID,
166          Customers.FirstName,
167          Customers.LastName
168      HAVING
169          SUM(Orders.TotalAmount) > 500;
170      |
```

Result Grid | ▥ | ↻ Filter Rows: [   ] | Export: ▤ | Wrap Cell Content: ĪA

	CustomerID	FirstName	LastName
▶	1	John	Doe
	2	Jane	Smith
	3	Alice	Johnson
	5	Charlie	Davis
	7	Emma	Thomas

```sql
139 ●   SELECT
140         Orders.OrderID,
141         Orders.OrderDate,
142         OrderDetails.OrderDetailID,
143         OrderDetails.ProductID,
144         OrderDetails.Quantity,
145         OrderDetails.Price
146     FROM
147         Orders
148     JOIN
149         Customers ON Orders.CustomerID = Customers.CustomerID
150     JOIN
151         OrderDetails ON Orders.OrderID = OrderDetails.OrderID
152     WHERE
153         Customers.FirstName = 'John'
154         AND Customers.LastName = 'Doe';
155
```

Result Grid | 📊 | 🔃 Filter Rows: [_____] | Export: 📇 | Wrap Cell Content: 🔠

	OrderID	OrderDate	OrderDetailID	ProductID	Quantity	Price
▶	1	2023-06-01	1	1	1	1000
	1	2023-06-01	2	4	1	50

```sql
128  SELECT
129      Products.ProductID,
130      Products.ProductName,
131      SUM(OrderDetails.Quantity) AS TotalQuantityOrdered
132  FROM
133      OrderDetails
134  JOIN
135      Products ON OrderDetails.ProductID = Products.ProductID
136  GROUP BY
137      Products.ProductID, Products.ProductName;
138
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: ⊞A

ProductID	ProductName	TotalQuantityOrdered
1	Laptop	5
2	Smartphone	2
3	Tablet	2
4	Headphones	4
5	Charger	4
7	Mouse	1
8	Monitor	1
9	Printer	1
10	USB Cable	4

```sql
117 ●    SELECT
118          Orders.OrderID,
119          Orders.OrderDate,
120          Customers.FirstName,
121          Customers.LastName,
122          Orders.TotalAmount
123      FROM
124          Orders
125      JOIN
126          Customers ON Orders.CustomerID = Customers.CustomerID;
127
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

	OrderID	OrderDate	FirstName	LastName	TotalAmount
▶	1	2023-06-01	John	Doe	1050
	2	2023-06-05	Jane	Smith	550
	3	2023-06-10	Alice	Johnson	1000
	4	2023-06-15	Bob	Brown	70
	5	2023-06-20	Charlie	Davis	520
	6	2023-06-25	David	Wilson	230
	7	2023-07-02	Emma	Thomas	1200
	8	2023-07-12	Fiona	Garcia	50
	9	2023-07-18	George	Martinez	350
	10	2023-07-22	Hannah	Rodriguez	40

```sql
113  SELECT ProductID, SUM(Quantity * Price) AS TotalSalesAmount
114  FROM OrderDetails
115  GROUP BY ProductID;
116
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

ProductID	TotalSalesAmount
1	3100
2	1000
3	400
4	400
5	120
7	20
8	30
9	50
10	40

```sql
109 •   SELECT CustomerID, COUNT(OrderID) AS TotalOrders
110     FROM Orders
111     GROUP BY CustomerID;
112
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

CustomerID	TotalOrders
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1

```sql
105   SELECT *
106   FROM Products
107   WHERE Category = 'Electronics';
```

Result Grid | Filter Rows: | Edit:

ProductID	ProductName	Category	Price	StockQuantity
1	Laptop	Electronics	1000	50
2	Smartphone	Electronics	500	100
3	Tablet	Electronics	300	75
8	Monitor	Electronics	200	30
9	Printer	Electronics	150	20
NULL	NULL	NULL	NULL	NULL

```sql
101  ●    SELECT *
102       FROM Customers
103       WHERE YEAR(RegistrationDate) = 2023;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell C

	CustomerID	FirstName	LastName	Email	Phone	RegistrationDate
▶	1	John	Doe	john.doe@example.com	123-456-7890	2023-01-15
	2	Jane	Smith	jane.smith@example.com	234-567-8901	2023-02-20
	3	Alice	Johnson	alice.johnson@example.com	345-678-9012	2023-03-10
	4	Bob	Brown	bob.brown@example.com	456-789-0123	2023-04-05
	5	Charlie	Davis	charlie.davis@example.com	567-890-1234	2023-05-12
	6	David	Wilson	david.wilson@example.com	678-901-2345	2023-06-15
	7	Emma	Thomas	emma.thomas@example.com	789-012-3456	2023-07-01
	8	Fiona	Garcia	fiona.garcia@example.com	890-123-4567	2023-07-10
	9	George	Martinez	george.martinez@example.com	901-234-5678	2023-07-20
	10	Hannah	Rodriguez	hannah.rodriguez@example.com	012-345-6789	2023-07-25
*	NULL	NULL	NULL	NULL	NULL	NULL

OrderDetailID	OrderID	ProductID	Quantity	Price
1	1	1	1	1000
2	1	4	1	50
3	2	2	1	500
4	2	5	1	50
5	3	1	1	1000
6	4	4	1	50
7	4	5	1	20
8	5	2	1	500
9	5	5	1	20
10	6	3	1	200
11	6	5	1	30
12	7	1	1	1000
13	7	3	1	200
14	4	1	2	50
15	8	7	1	20
16	8	8	1	30
17	9	4	2	150
18	9	9	1	50
19	10	10	4	10
NULL	NULL	NULL	NULL	NULL

OrderID	OrderDate	CustomerID	TotalAmount
1	2023-06-01	1	1050
2	2023-06-05	2	550
3	2023-06-10	3	1000
4	2023-06-15	4	70
5	2023-06-20	5	520
6	2023-06-25	6	230
7	2023-07-02	7	1200
8	2023-07-12	8	50
9	2023-07-18	9	350
10	2023-07-22	10	40
NULL	NULL	NULL	NULL

ProductID	ProductName	Category	Price	StockQuantity
1	Laptop	Electronics	1000	50
2	Smartphone	Electronics	500	100
3	Tablet	Electronics	300	75
4	Headphones	Accessories	50	200
5	Charger	Accessories	20	300
6	Keyboard	Accessories	30	150
7	Mouse	Accessories	20	250
8	Monitor	Electronics	200	30
9	Printer	Electronics	150	20
10	USB Cable	Accessories	10	400
NULL	NULL	NULL	NULL	NULL

CustomerID	FirstName	LastName	Email	Phone	RegistrationDate
1	John	Doe	john.doe@example.com	123-456-7890	2023-01-15
2	Jane	Smith	jane.smith@example.com	234-567-8901	2023-02-20
3	Alice	Johnson	alice.johnson@example.com	345-678-9012	2023-03-10
4	Bob	Brown	bob.brown@example.com	456-789-0123	2023-04-05
5	Charlie	Davis	charlie.davis@example.com	567-890-1234	2023-05-12
6	David	Wilson	david.wilson@example.com	678-901-2345	2023-06-15
7	Emma	Thomas	emma.thomas@example.com	789-012-3456	2023-07-01
8	Fiona	Garcia	fiona.garcia@example.com	890-123-4567	2023-07-10
9	George	Martinez	george.martinez@example.com	901-234-5678	2023-07-20
10	Hannah	Rodriguez	hannah.rodriguez@example.com	012-345-6789	2023-07-25
NULL	NULL	NULL	NULL	NULL	NULL