

	InvoiceNo	StockCode	Description	Quantity	InvoiceDate	UnitPrice	CustomerID	Country
1	536365	85123A	WHITE HANGING HEART T-LIGHT HOLDER	6	12-01-2010 08:26	2.55	17850	United Kingdom
2	536365	71053	WHITE METAL LANTERN	6	12-01-2010 08:26	3.39	17850	United Kingdom
3	536365	84406B	CREAM CUPID HEARTS COAT HANGER	8	12-01-2010 08:26	2.75	17850	United Kingdom
4	536365	84029G	KNITTED UNION FLAG HOT WATER BOTTLE	6	12-01-2010 08:26	3.39	17850	United Kingdom
5	536365	84029E	RED WOOLLY HOTTIE WHITE HEART.	6	12-01-2010 08:26	3.39	17850	United Kingdom
6	536365	22752	SET 7 BABUSHKA NESTING BOXES	2	12-01-2010 08:26	7.65	17850	United Kingdom
7	536365	21730	GLASS STAR FROSTED T-LIGHT HOLDER	6	12-01-2010 08:26	4.25	17850	United Kingdom



```
SELECT * FROM cleandata LIMIT 10;
```

```
SELECT COUNT(*) AS TotalTransactions FROM cleandata;
```

---

TotalTransactions
-------------------

1083818
---------



```

SELECT * FROM cleandata LIMIT 10;
SELECT COUNT(*) AS TotalTransactions FROM cleandata;
SELECT Description, SUM(Quantity) AS TotalSold
FROM cleandata
GROUP BY Description
ORDER BY TotalSold DESC
LIMIT 5;

```

Description	TotalSold
WORLD WAR 2 GLIDERS ASSTD DESIGNS	107694
JUMBO BAG RED RETROSPOT	94726
ASSORTED COLOUR BIRD ORNAMENT	72762
POPCORN HOLDER	72668
PACK OF 72 RETROSPOT CAKE CASES	72078



```
1  SELECT * FROM cleandata LIMIT 10;
2  SELECT COUNT(*) AS TotalTransactions FROM cleandata;
3  SELECT Description, SUM(Quantity) AS TotalSold
4  FROM cleandata
5  GROUP BY Description
6  ORDER BY TotalSold DESC
7  LIMIT 5;
8  SELECT SUM(Quantity * UnitPrice) AS TotalRevenue
9  FROM cleandata;|
10
11
12
```

	TotalRevenue
1	19495495.868

Execution finished without errors.

Result: 1 rows returned in 1107ms

At line 8:

```
SELECT SUM(Quantity * UnitPrice) AS TotalRevenue
FROM cleandata;
```



```

ORDER BY TotalSold DESC
LIMIT 5;
SELECT SUM(Quantity * UnitPrice) AS TotalRe
FROM cleandata;
SELECT Country, SUM(Quantity * UnitPrice) AS
FROM cleandata
GROUP BY Country
ORDER BY Revenue DESC;|

```

Country	Revenue
United Kingdom	16375612.728
Netherlands	569323.08
EIRE	526553.64
Germany	443396.42
France	394807.8
Australia	274154.54
Switzerland	112770.7

cution finished without errors.

ult: 38 rows returned in 4282ms

line 10:

```

ECT Country, SUM(Quantity * UnitPrice) AS Rever
M cleandata
UP BY Country
ER BY Revenue DESC;

```

```

13 ORDER BY Revenue DESC;
14 SELECT CustomerID, AVG(Quantity * UnitPrice) AS AvgOrderValue
15 FROM cleandata
16 GROUP BY CustomerID
17 ORDER BY AvgOrderValue DESC
18 LIMIT 10;|
19

```

	CustomerID	AvgOrderValue
1	15195	3861.0
2	13135	3096.0
3	17846	2033.1
4	16532	1687.2
5	15749	1435.726666666667
6	16000	1377.077777777778
7	16754	1001.2

Execution finished without errors.

Result: 10 rows returned in 5152ms

At line 14:

```

SELECT CustomerID, AVG(Quantity * UnitPrice) AS AvgOrderValue
FROM cleandata
GROUP BY CustomerID
ORDER BY AvgOrderValue DESC
LIMIT 10;

```



```
GROUP BY CustomerID
ORDER BY AvgOrderValue DESC
LIMIT 10;
SELECT COUNT(DISTINCT CustomerID) AS UniqueCustomers FROM cleandata;
```

UniqueCustomers
4372

Execution finished without errors.

Result: 1 rows returned in 1648ms

line 19:

```
SELECT COUNT(DISTINCT CustomerID) AS UniqueCustomers FROM cleandata;
```

