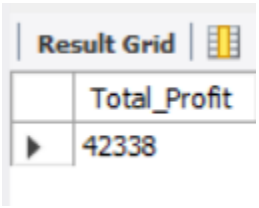
BIKE SALES ANALYSIS

Find the total profit for all records:

```
SELECT SUM(Profit) AS Total_Profit
FROM bike_sales;
```

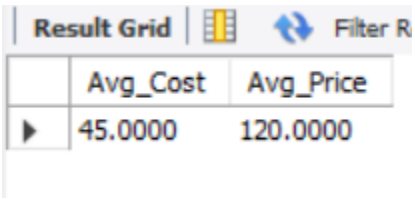


Result Grid

	Total_Profit
▶	42338

Get the average unit cost and unit price for the 'Hitch Rack - 4-Bike' product:

```
SELECT AVG(Unit_Cost) AS Avg_Cost, AVG(Unit_Price) AS Avg_Price
FROM bike_sales
WHERE Product = 'Hitch Rack - 4-Bike';
```



Result Grid Filter R

	Avg_Cost	Avg_Price
▶	45.0000	120.0000

List the total revenue for each year:

```
SELECT Year, SUM(Revenue) AS Total_Revenue
FROM bike_sales
GROUP BY Year
ORDER BY Year ASC;
```

Result Grid | Filter

Year	Total_Revenue
2013	21500
2014	15229
2015	20892
2016	13697

Count the number of orders made by young adults (25-34) and adults (35-64):

```
SELECT Age_Group, COUNT(*) AS Order_Count
FROM bike_sales
WHERE Age_Group IN ('Young Adults (25-34)', 'Adults (35-64)')
GROUP BY Age_Group;
```

Result Grid | Filter Rows:

Age_Group	Order_Count
Young Adults (25-34)	24
Adults (35-64)	37

Retrieve the orders placed in August 2015:

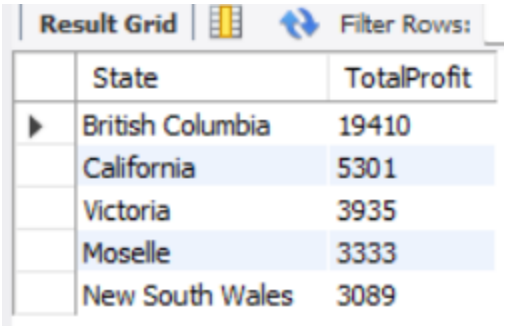
```
SELECT COUNT(*)
FROM bike_sales
WHERE Year = 2015 AND Month = 'August';
```

Result Grid

COUNT(*)
7

Calculate the total profit for each state & sort on basis of top 5 :

```
SELECT State, SUM(Profit) AS TotalProfit
FROM bike_sales
GROUP BY State
ORDER BY SUM(Profit) DESC
LIMIT 5;
```

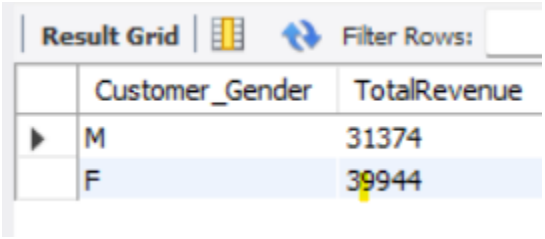


Result Grid | Filter Rows:

State	TotalProfit
British Columbia	19410
California	5301
Victoria	3935
Moselle	3333
New South Wales	3089

Find the total revenue generated by male and female customers:

```
SELECT Customer_Gender, SUM(Revenue) AS TotalRevenue
FROM bike_sales
GROUP BY Customer_Gender;
```



Result Grid | Filter Rows:

Customer_Gender	TotalRevenue
M	31374
F	39944