

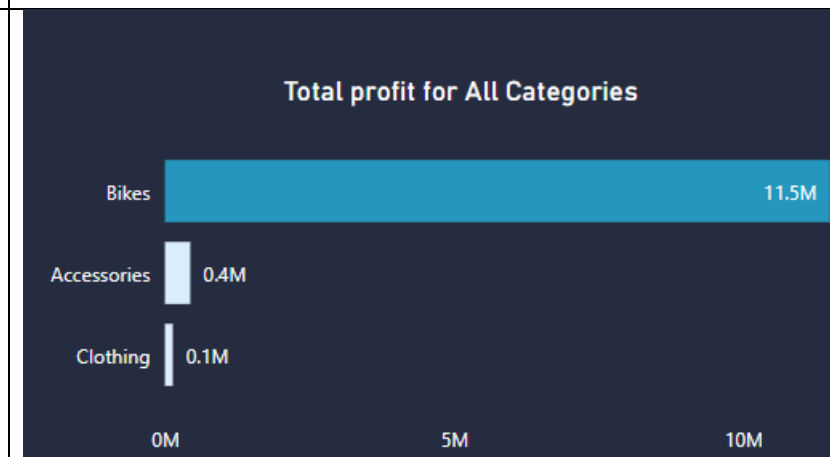
```
SELECT
customercountry,ROUND(SUM(itemprice -
itemcost)/1000000,1)||'M' as PROFIT
FROM SALES_NEW
GROUP BY customercountry
ORDER BY PROFIT DESC;
```

	CUSTOMERCOUNTRY	PROFIT
1	United States	3.9M
2	Australia	3.7M
3	United Kingdom	1.4M
4	Germany	1.2M
5	France	1.1M
6	Canada	.8M



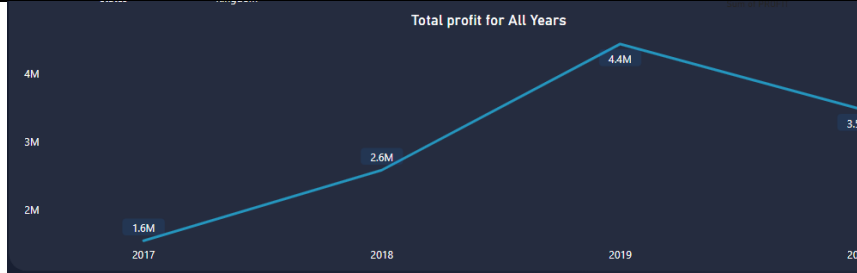
```
SELECT
productcategory,ROUND(SUM(itemprice -
itemcost)/1000000,1)||'M' as PROFIT
FROM SALES_NEW
GROUP BY productcategory
ORDER BY PROFIT DESC;
```

	PRODUCTCATEGORY	PROFIT
1	Bikes	11.5M
2	Accessories	.4M
3	Clothing	.1M



```
SELECT EXTRACT(YEAR FROM
TO_DATE(SUBSTR(orderdate,1,9),'DD-Mon-YY'))
AS ORDER_YEAR,ROUND(SUM(itemprice -
itemcost)/1000000,1) || 'M' as PROFIT
FROM SALES_NEW
GROUP BY EXTRACT(YEAR FROM
TO_DATE(SUBSTR(orderdate,1,9),'DD-Mon-YY'))
ORDER BY ORDER_YEAR;
```

	ORDER_YEAR	PROFIT
1	2017	1.6M
2	2018	2.6M
3	2019	4.4M
4	2020	3.5M



```
SELECT productsubcategory, product,
ROUND(AVG((to_date((deliveryduedate), 'DD-
Mon-YY') - to_date((orderdate), 'DD-Mon-
YY'))),2) AS "Average of Delivery Time",
ROUND(AVG(itemcost),2) AS "Average of
ITEMCOST",
ROUND(AVG(itemprice),2) AS "Average of
ITEMPRICE",
ROUND(AVG(itemprice),2) -
ROUND(AVG(itemcost),2) AS "Average of
Profit",
COUNT(*) AS "Number of Products"
FROM SALES_NEW
GROUP BY productsubcategory,product,
productcategory
HAVING productcategory='Bikes'
ORDER BY "Average of Delivery Time" DESC;
```

	PRODUCTSUBCATEGORY	PRODUCT	Average of Delivery Time	Average of ITEM COST	Average of ITEM PRICE	Average of Profit	Number of Products
1	Road Bikes	Road-650 Black, 44	8.04	462.19	755.03	292.84	43
2	Mountain Bikes	Mountain-500 Silver, 42	8.78	308.22	564.99	256.77	45
3	Touring Bikes	Touring-3000 Yellow, 50	8.42	461.44	742.35	280.91	59
4	Touring Bikes	Touring-3000 Yellow, 50	8.34	461.44	742.35	280.91	47
5	Mountain Bikes	Mountain-100 Black, 38	8.12	1898.09	3374.99	1476.90	49
6	Mountain Bikes	Mountain-500 Black, 44	8.10	294.58	539.99	245.41	50
7	Road Bikes	Road-650 Black, 48	8.03	465.87	759.22	293.35	40
8	Road Bikes	Road-650 Black, 52	8.00	459.43	751.88	292.45	39
9	Touring Bikes	Touring-2000 Blue, 60	7.96	755.15	1214.85	459.70	81
10	Touring Bikes	Touring-1000 Blue, 50	7.86	1481.94	2384.07	902.13	150
11	Mountain Bikes	Mountain-200 Black, 46	7.86	1204.59	2215.27	1010.68	420
12	Mountain Bikes	Mountain-500 Black, 48	7.86	294.58	539.99	245.41	56
13	Mountain Bikes	Mountain-100 Silver, 42	7.81	1912.15	3399.99	1487.84	42

PRODUCTSUBCATEGORY	PRODUCT	Average of Delivery Time	Average of ITEM COST	Average of ITEM PRICE	Average of PROFIT
Road Bikes	Road-650 Black, 44	8.04	462.19	755.03	292.84
Mountain Bikes	Mountain-500 Silver, 42	8.78	308.22	564.99	256.77
Touring Bikes	Touring-3000 Yellow, 50	8.42	461.44	742.35	280.91
Touring Bikes	Touring-3000 Yellow, 50	8.34	461.44	742.35	280.91
Mountain Bikes	Mountain-100 Black, 38	8.12	1,898.09	3,374.99	1,476.90
Mountain Bikes	Mountain-500 Black, 44	8.10	294.58	539.99	245.41
Road Bikes	Road-650 Black, 48	8.03	465.87	759.22	293.35
Road Bikes	Road-650 Black, 52	8.00	459.43	751.88	292.45
Touring Bikes	Touring-2000 Blue, 60	7.96	755.15	1,214.85	459.70
Mountain Bikes	Mountain-200 Black, 46	7.86	1,204.59	2,215.27	1,010.68
Touring Bikes	Touring-1000 Blue, 50	7.86	1,481.94	2,384.07	902.13
Mountain Bikes	Mountain-500 Black, 48	7.86	294.58	539.99	245.41
Mountain Bikes	Mountain-100 Silver, 42	7.81	1,912.15	3,399.99	1,487.84
Mountain Bikes	Mountain-400-W Silver, 42	7.80	419.78	769.49	349.71
<b>Total</b>		<b>7.50</b>	<b>1,105.71</b>	<b>1,862.42</b>	<b>756.71</b>

```
SELECT EXTRACT(YEAR FROM
TO_DATE(SUBSTR(orderdate,1,9),'DD-Mon-YY'))
AS "ORDER_YEAR",
ROUND(SUM(itemprice - itemcost)/1000000,1)
|| 'M' AS "Total Profit"
FROM SALES_NEW
GROUP BY EXTRACT(YEAR FROM
TO_DATE(SUBSTR(orderdate,1,9),'DD-Mon-
YY')),productcategory
HAVING productcategory='Bikes'
ORDER BY ORDER_YEAR;
```

	ORDER_YEAR	Total Profit
1	2017	1.6M
2	2018	2.6M
3	2019	4.2M
4	2020	3.2M

```
SELECT EXTRACT(YEAR FROM
TO_DATE(SUBSTR(orderdate,1,9),'DD-Mon-YY'))
AS "ORDER_YEAR",
ROUND(SUM(itemcost)/1000000,1) || 'M' AS
"Total Cost"
FROM SALES_NEW
GROUP BY EXTRACT(YEAR FROM
TO_DATE(SUBSTR(orderdate,1,9),'DD-Mon-
YY')),productcategory
HAVING productcategory='Bikes'
ORDER BY ORDER_YEAR;
```

	ORDER_YEAR	Total Cost
1	2017	2.3M
2	2018	3.8M
3	2019	6M
4	2020	4.7M

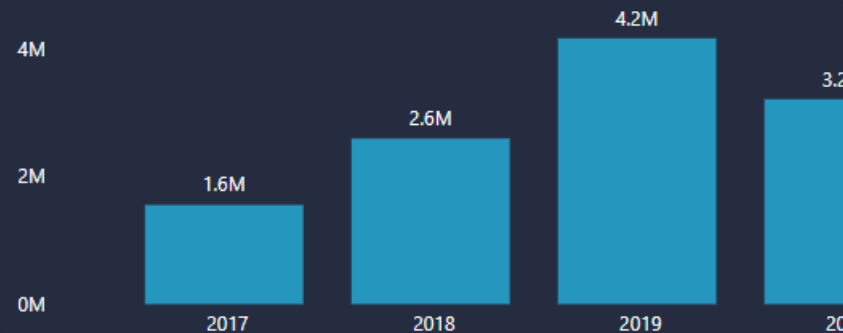
```
SELECT ROUND(SUM(itemprice -
itemcost)/1000000,2) || 'M' AS "Total Profit"
FROM SALES_NEW
GROUP BY productcategory
HAVING productcategory='Bikes';
```

	Total Profit
1	11.51M

Total

Cost over Years

Profit over Years



Cost over Years

Cost over Years

Profit over Years

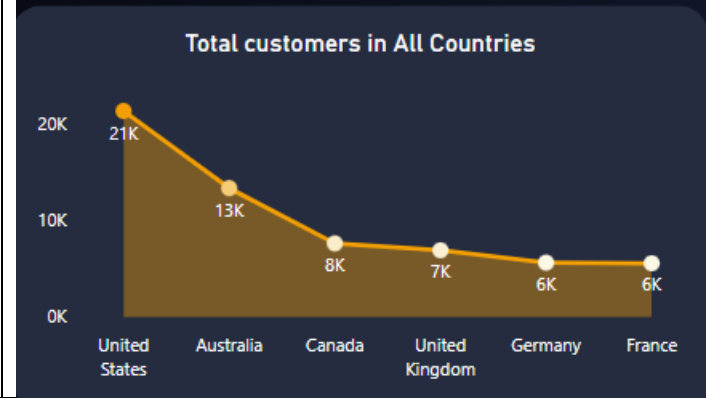


11.51M

Total Profit

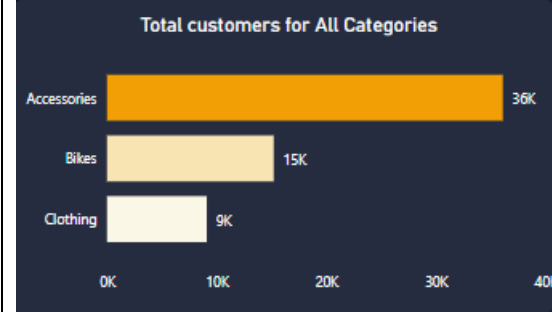
```
SELECT
customercountry,ROUND(count(*)/1000,0)||'K'
as NumberOfCustomers
FROM SALES_NEW
GROUP BY customercountry
ORDER BY ROUND(count(*)/1000,0) DESC;
```

	CUSTOMERCOUNTRY	NUMBEROFCUSTOMERS
1	United States	21K
2	Australia	13K
3	Canada	8K
4	United Kingdom	7K
5	France	6K
6	Germany	6K



```
SELECT
productcategory,ROUND(COUNT(*)/1000,0) ||
'K' as NumberOfCustomers
FROM SALES_NEW
GROUP BY productcategory
ORDER BY COUNT(*) DESC;
```

	PRODUCTCATEGORY	NUMBEROFCUSTOMERS
1	Accessories	36K
2	Bikes	15K
3	Clothing	9K



```
SELECT ROUND(COUNT(*)/1000,2) || 'K' as
TotalOrders
FROM SALES_NEW;
```

TOTALORDERS
1 60.4K



```
SELECT customername,
ROUND(SUM(itemcost)/1000,1)||'K' as
TotalCost
FROM SALES_NEW
group by customername
order by ROUND(SUM(itemcost)/1000,1) desc;
```

	CUSTOMERNAME	TOTALCOST
1	Jordan Turner	9.3K
2	Adriana Gonzalez	8K
3	Margaret He	8K
4	Randall Dominguez	8K
5	Francisco Sara	8K
6	Kaitlyn Henderson	8K
7	Rosa Hu	8K
8	Nichole Nara	8K
9	Brandi Gill	8K
10	Brad She	8K
11	Willie Xu	7.8K
12	Maurice Shan	7.7K
13	Janet Munoz	7.4K



```
SELECT customername,
ROUND(SUM(itemcost),2)||'K' as TotalCost
FROM SALES_NEW
group by customername
order by ROUND(SUM(itemcost),2);
```

	CUSTOMERNAME	TOTALCOST
1	Abigail Bennett	.86K
2	Cody Sanders	.86K
3	Dylan Taylor	.86K
4	Natalie Bryant	.86K
5	Abigail Morris	.86K
6	Alex Collins	.86K
7	Marcus Morgan	.86K
8	Hunter Miller	.86K
9	Brad Kumar	.86K
10	Melanie Peterson	.86K
11	Natalie Rivera	.86K

