Classic Model Sales Dashboard

56.29M	25.75M	122	110	555K
Total Sales	Total Profit	Total customers	Total Products	Total Product Quanti...

Top 5 Sales and Profit by ProductVendor
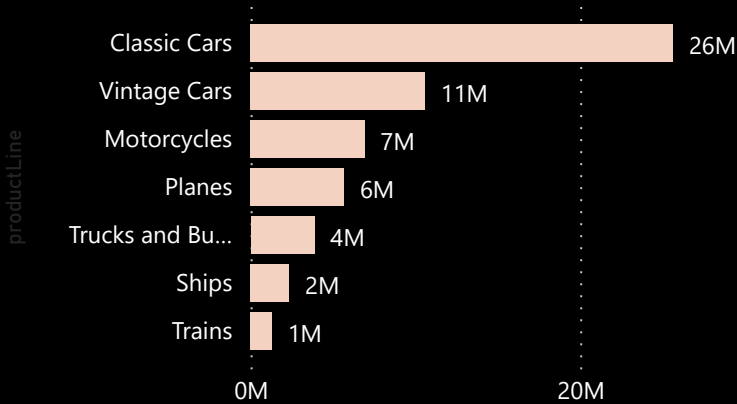
● Top 5 Sales ● Profit

- Gearbox Coll... — 6.2M / 2.8M
- Classic Metal... — 5.4M / 2.6M
- Min Lin Diec... — 5.2M / 2.1M
- Unimax Art ... — 5.1M / 2.6M
- Welly Diecast... — 4.9M / 2.1M
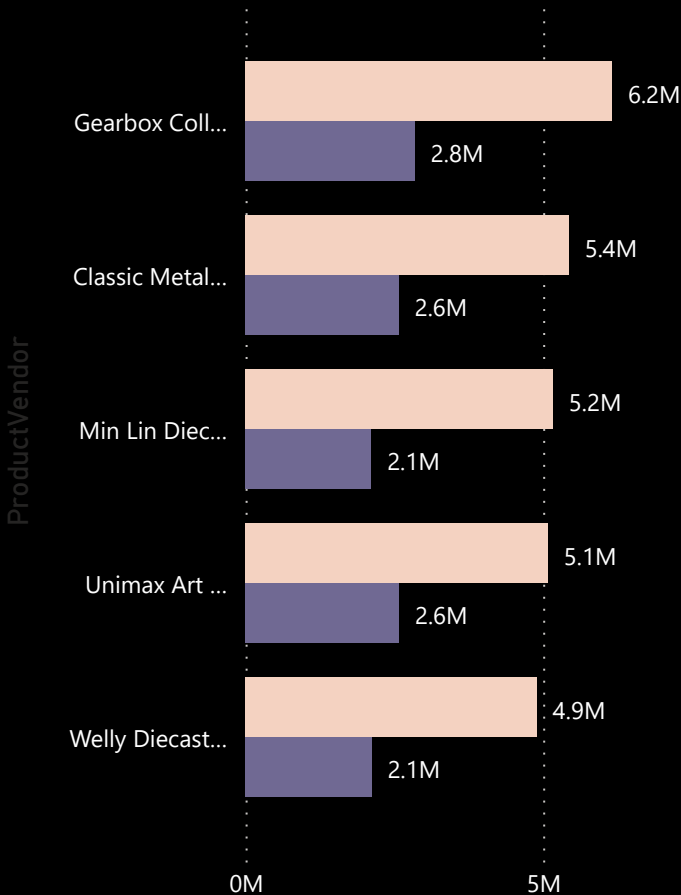
(x-axis: 0M — 5M, Top 5 Sales and Profit)

Total quantity by productLine

productLine
- ● Classic Cars
- ● Vintage Cars
- ● Motorcycles
- ● Planes
- ● Trucks and Bu...
- ● Ships
- ● Trains

- 219K (39.48%)
- 125K (22.5%)
- 69K (12.5%)
- 62K (11.2...)
- 36K (6....)
- 17K (3.01%)

Total Sales by productLine

- Classic Cars — 26M
- Vintage Cars — 11M
- Motorcycles — 7M
- Planes — 6M
- Trucks and Bu... — 4M
- Ships — 2M
- Trains — 1M
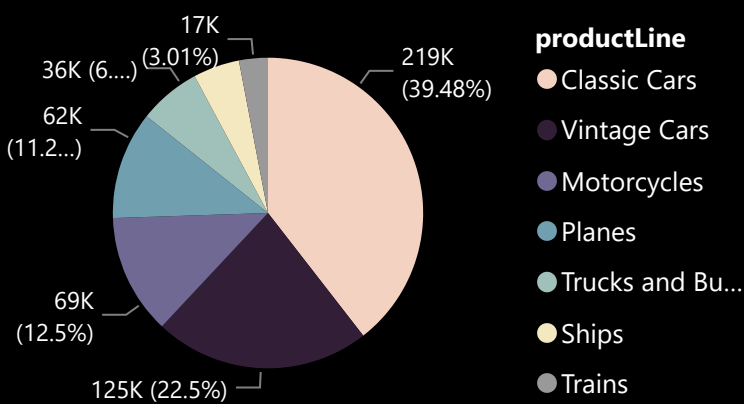
(x-axis: 0M — 20M, Total Sales)

Top 5 Sales and Profit by productName

● Top 5 Sales ● Profit
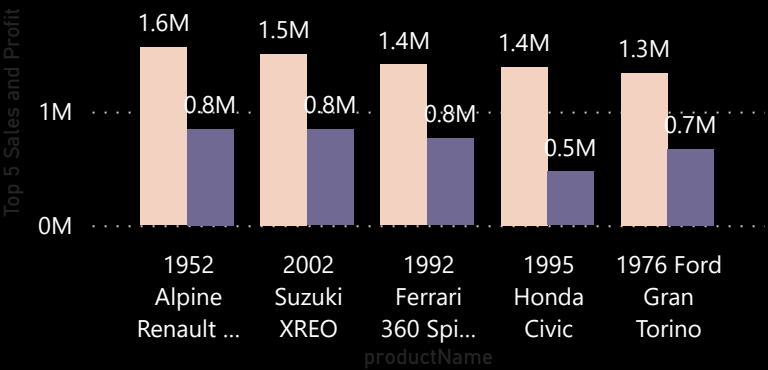
- 1952 Alpine Renault ... — 1.6M / 0.8M
- 2002 Suzuki XREO — 1.5M / 0.8M
- 1992 Ferrari 360 Spi... — 1.4M / 0.8M
- 1995 Honda Civic — 1.4M / 0.5M
- 1976 Ford Gran Torino — 1.3M / 0.7M

(y-axis: 0M — 1M, Top 5 Sales and Profit; x-axis: productName)

Total Profit by productLine

productLine
- ● Classic Cars
- ● Vintage Cars
- ● Motorcycles
- ● Planes
- ● Trucks and Bu...
- ● Ships
- ● Trains

- 11.57M (44.93%)
- 4.86M (18.88%)
- 3.35M (13.0...)
- 2.57M (9.98%)
- 1.74M (6.7...)
- 0.55M (2.15%)

Dashboard
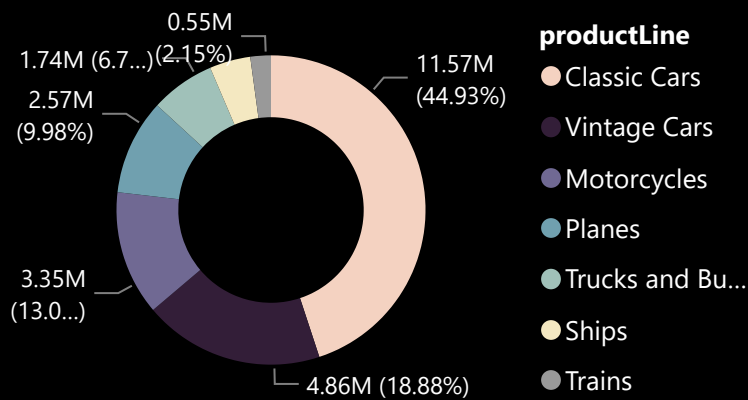
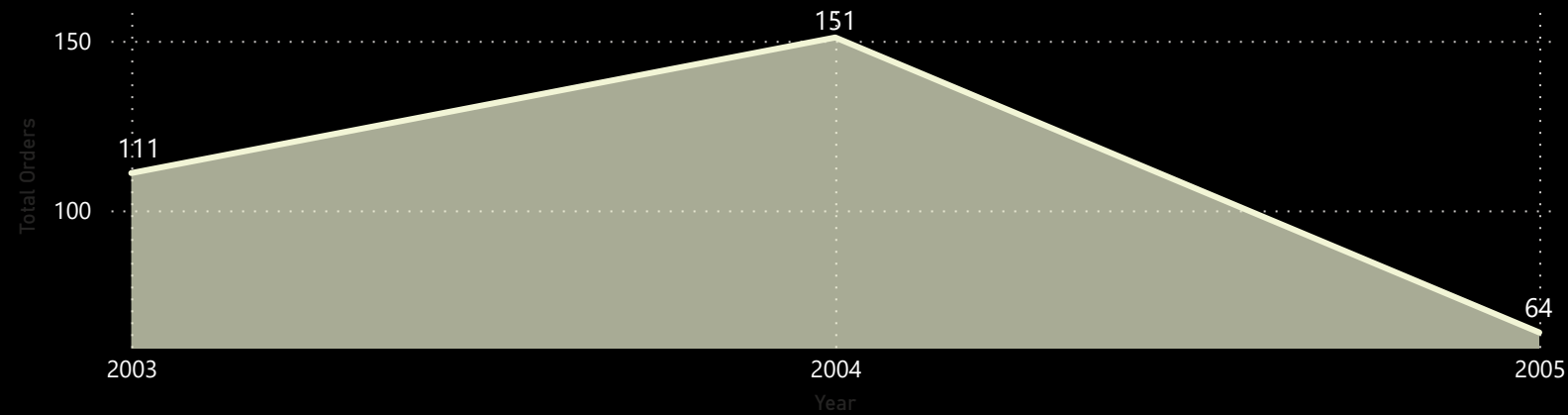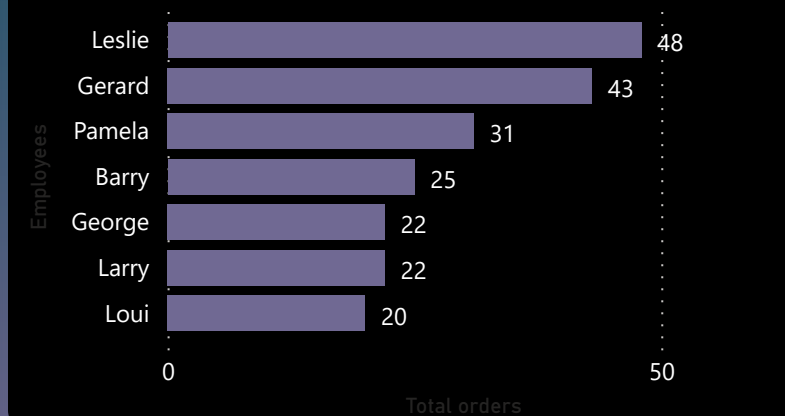| 326	122	23	303	6
Total orders	Total customers	Total employees	Total Shipped Orders	Total cancelled orders

Total Orders by Year

Area chart of Total Orders by Year:
- 2003: 111
- 2004: 151
- 2005: 64

Top 7 customers by orders

Bar chart of Top 7 customers by orders:
- Euro+ Shop... Chan...: 26
- Mini Gifts Distri...: 17
- Austr... Colle... Co.: 5
- Danish Whol... Impo...: 5
- Down Under Souv...: 5
- Drag... Souv... Ltd.: 5
- Reims Colle...: 5

Total orders by Month

Area chart of Total orders by Month:
- January: 25
- February: 26
- March: 27
- April: 29
- May: 29
- June: 19
- July: 18
- August: 17
- September: 20
- October: 31
- November: 63
- December: 22

Top 7 Employees by orders

Bar chart of Top 7 Employees by orders:
- Leslie: 48
- Gerard: 43
- Pamela: 31
- Barry: 25
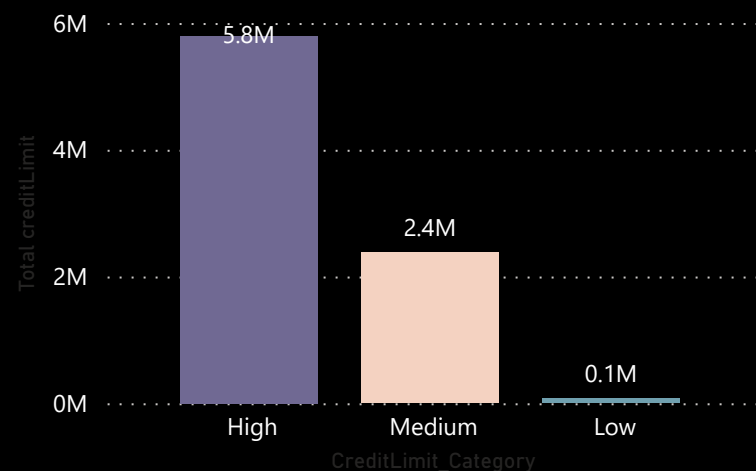- George: 22
- Larry: 22
- Loui: 20

| 2003 | 2004 | 2005 |

Total credit limit and customers by credit limit category

- High: 5.8M
- Medium: 2.4M
- Low: 0.1M

Top 5 countries by customers

- USA: 36
- Germany: 13
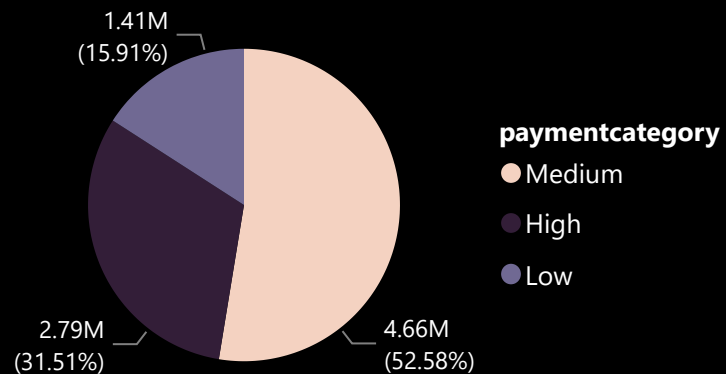- France: 12
- Spain: 7
- Australia: 5
- UK: 5

Count of customerNumber

Top 5 customers by credit limit

- Euro+ Shoppi... Channel: 0.23M
- Mini Gifts Distrib...: 0.21M
- Vida Sport, Ltd: 0.14M
- Muscle Machine Inc: 0.14M
- AV Stores, Co.: 0.14M
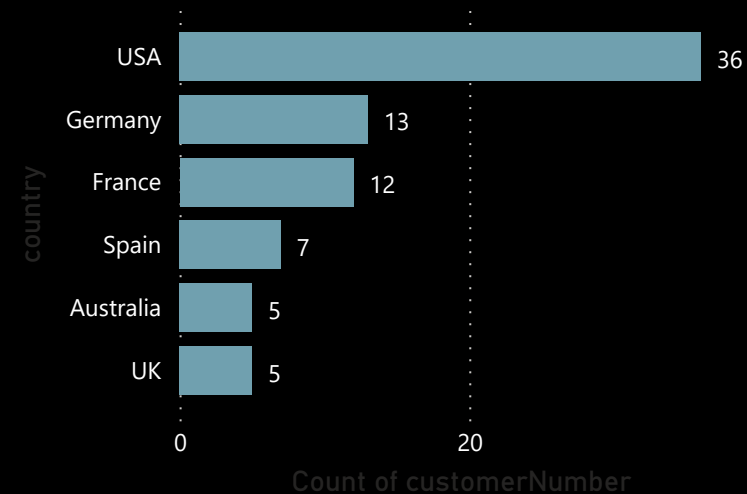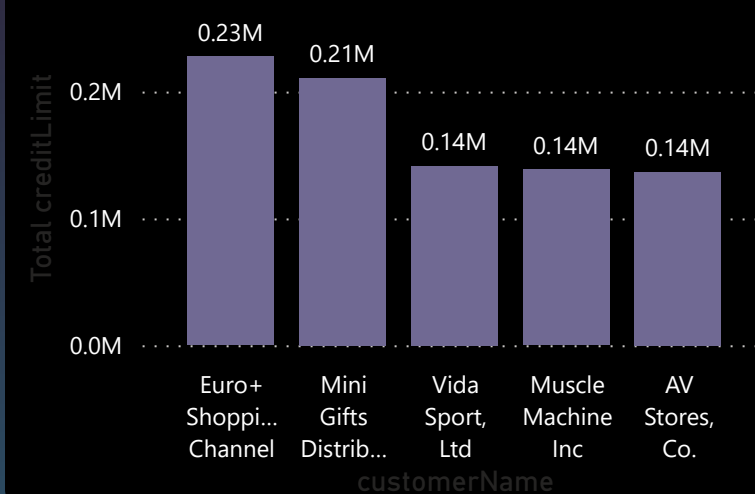
customerName

Total payments and Customers by paymentcategory

- 1.41M (15.91%)
- 2.79M (31.51%)
- 4.66M (52.58%)

paymentcategory
- ● Medium
- ● High
- ● Low

Total payments by Quarter

● Increase ● Decrease ● Total

- 1: 1.9M
- 2: 1.6M
- 3: 1.7M
- 4: 3.7M
- Total: 8.9M

Quarter
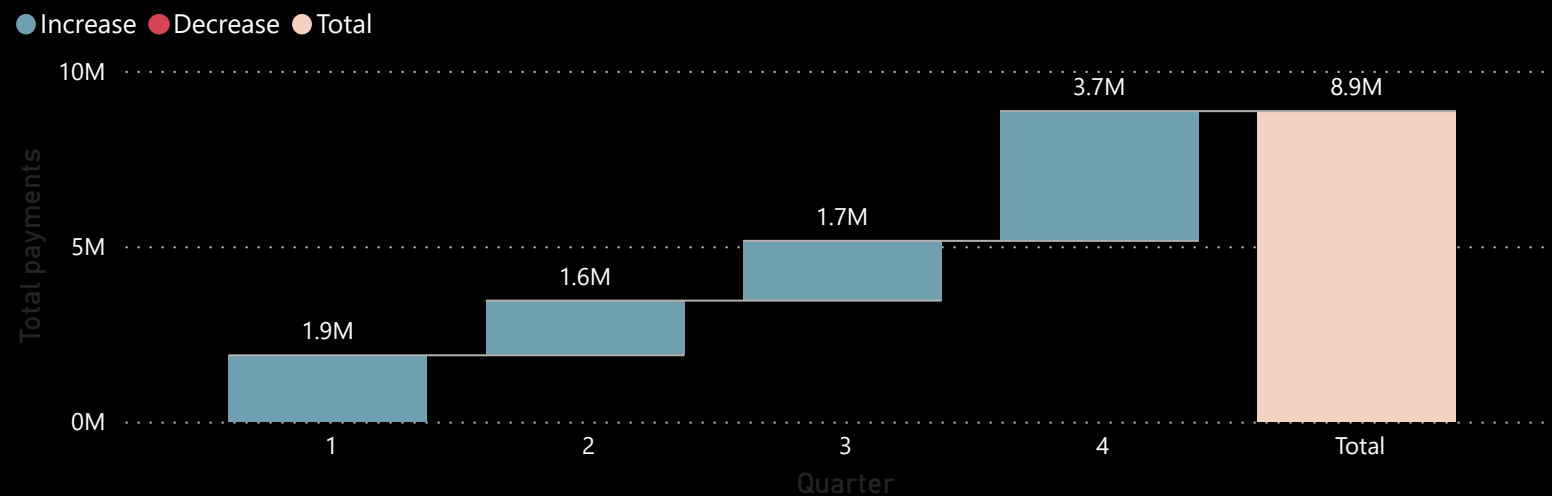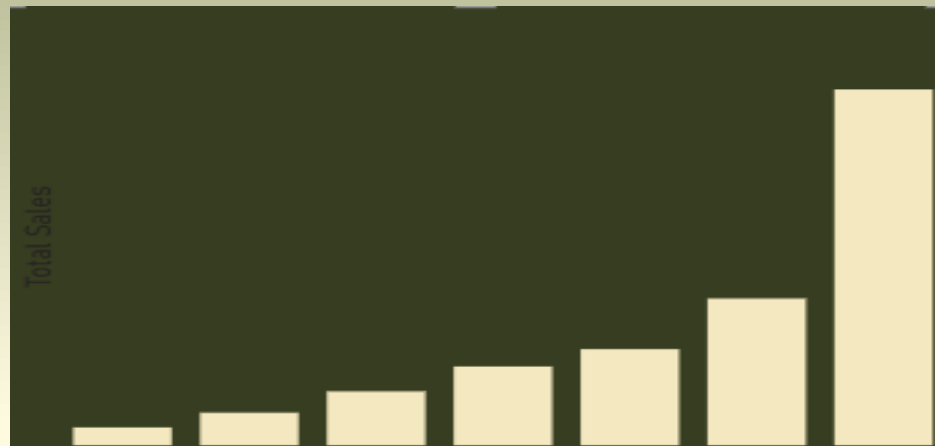
Top 5 customers by their credit Limit

```
select customerNumber, customerName, creditLimit
from customers
order by creditLimit desc limit 5;
```

customerNumber	customerName	creditLimit
141	Euro+ Shopping Channel	227600
124	Mini Gifts Distributors Ltd.	210500
298	Vida Sport	141300
151	Muscle Machine Inc	138500
187	AV Stores	136800

Customer count based on credit categories

```
with t1 as
        (select customerNumber, customerName, creditLimit,
        case when creditLimit < 25000 then "Low"
                when creditLimit >= 25000 and creditLimit < 60000 then "Medium"
                when creditLimit >= 60000 then "High"
                else "Unknown"
         end as creditCategory
         from customers)


select creditCategory, count(*) as customercount
from t1
group by creditCategory
order by customercount desc;
```

creditCategory	customercount
High	77
Low	28
Medium	17

Top 5 Customers and their credit limit under each credit category

```
with t1 as
            (select customerNumber, customerName, creditLimit,
            case when creditLimit < 25000 then "Low"
            when creditLimit >= 25000 and creditLimit < 60000 then "Medium"
            when creditLimit >= 60000 then "High"
            else "Unknown"
            end as creditCategory
            from customers),


t2 as       (select customerNumber, customerName, creditLimit, creditCategory,
            row_number() over (partition by creditCategory order by creditLimit desc) as rn
            from t1)


select * from t2 where rn <=2;
```

customerNumber	customerName	creditLimit	creditCategory	rn
141	Euro+ Shopping Channel	227600	High	1
124	Mini Gifts Distributors Ltd.	210500	High	2
381	Royale Belge	23500	Low	1
198	Auto-Moto Classics Inc.	23000	Low	2
128	Blauer See Auto, Co.	59700	Medium	1
344	CAF Imports	59600	Medium	2

Orders placed by Top 5 customers

```sql
select customerName,
count(distinct(orderNumber)) as ordercount
from customers c
join orders o
on o.customerNumber = c.customerNumber
group by customerName
order by count(distinct(orderNumber)) desc limit 5;
```

customerName	ordercount
Euro+ Shopping Channel	26
Mini Gifts Distributors Ltd.	17
Down Under Souveniers, Inc	5
Danish Wholesale Imports	5
Australian Collectors, Co.	5

Order count for each year

```
with t1 as
        (select orderNumber,
        year(orderDate) as orderyear
        from orders o
        join customers c
        on o.customerNumber = c.customerNumber)

select orderyear, count(*) as ordercount
from t1
group by orderyear;
```

orderyear	ordercount
2003	111
2004	151
2005	64

Monthly Order count for all three years

```
with t1 as
        (select orderNumber,
        monthname(orderDate) as ordermonth
         from orders)

select ordermonth, count(*) as ordercount
from t1
group by ordermonth;
```

ordermonth	ordercount
January	25
February	26
March	27
April	29
May	29
June	19
July	18
August	17
September	20
October	31
November	63
December	22

Product count by productLine

```
select productLine,
sum(quantityInStock) as stockquantity
from products
group by productLine
order by stockquantity desc;
```

productLine	stockquantity
Classic Cars	219183
Vintage Cars	124880
Motorcycles	69401
Planes	62287
Trucks and Buses	35851
Ships	26833
Trains	16696

Total sales and profit by productLine

```
with t1 as
        (select *, quantityInStock * MSRP as Sales,
        quantityInStock * buyprice as Costprice,
        (quantityInStock * MSRP) - (quantityInStock * buyprice) as Profit
        from products)


select productLine, sum(Sales) as Totalsales, sum(Profit) as Totalprofit
from t1
group by productLine
order by Totalsales desc;
```

productLine	Totalsales	Totalprofit
Classic Cars	25631556.38	11572218.67
Vintage Cars	10567510.68	4863250.86
Motorcycles	6919282.43	3353568.25
Planes	5670231.92	2570949.16
Trucks and Buses	3875532.7	1736203.14
Ships	2342604.92	1103464.49
Trains	1281248.24	553996.47

```
with t1 as
(select *,      quantityInStock * MSRP as Sales,
quantityInStock * buyprice as Costprice,
(quantityInStock * MSRP) - (quantityInStock * buyprice) as Profit
from products),

t2 as
(select productLine, productName, Sales,
row_number() over (partition by productLine order by Sales desc) as rn
from t1 productLine)

select * from t2 where rn <=2;
```

Top 2 sales by productLine with productname

productLine	productName	Sales	rn
Classic Cars	1952 Alpine Renault 1300	1565461.5	1
Classic Cars	1992 Ferrari 360 Spider red	1413480.98	2
Motorcycles	2002 Suzuki XREO	1505748.14	1
Motorcycles	2003 Harley-Davidson Eagle Drag Bike	1081010.12	2
Planes	America West Airlines B757-200	962597.16	1
Planes	ATA: B757-300	843126.9	2
Ships	The USS Constitution Ship	511959.24	1
Ships	The Queen Mary	505289.28	2
Trains	Collectable Wooden Train	650418	1
Trains	1950's Chicago Surface Lines Streetcar	534466.14	2
Trucks and Buses	1964 Mercedes Tour Bus	1013504.34	1
Trucks and Buses	1957 Chevy Pickup	725812.5	2
Vintage Cars	1932 Model A Ford J-Coupe	1189174.02	1
Vintage Cars	1937 Lincoln Berline	893118.82	2

Quarterly payments for all three years

```sql
select quarter(paymentDate) as quarter,
sum(amount) as Total_payments
from payments
group by quarter
order by quarter asc;
```

quarter	Total_payments
1	1890821.18
2	1559264.02
3	1704389.4
4	3699364.63

Top 10 payments by customername

```
with t1 as
(select concat(contactFirstName," ",contactLastName) as Customername,
sum(amount) as payment  from customers c
join payments p
on c.customerNumber = p.customerNumber
group by concat(contactFirstName," ",contactLastName))

select *from t1
order by payment desc limit 10;
```

Customername	payment
Diego Freyre	715738.98
Susan Nelson	584188.24
Peter Ferguson	180585.07
Jeff Young	177913.95
Eric Natividad	156251.03
Mike Graham	154622.08
Rachel Ashworth	148410.09
Anna O'Hara	137034.22
Julie Brown	132340.78
Mary Saveley	130305.35

Top 10 payments by country

```
select country, sum(amount) as payment
from customers c
join payments p
on c.customerNumber = p.customerNumber
group by country
order by sum(amount) desc limit 10
```

country	payment
USA	3040029.52
Spain	994438.53
France	965750.58
Australia	509385.82
New Zealand	392486.59
UK	391503.9
Italy	325254.55
Finland	295149.35
Norway	270846.3
Singapore	261671.6