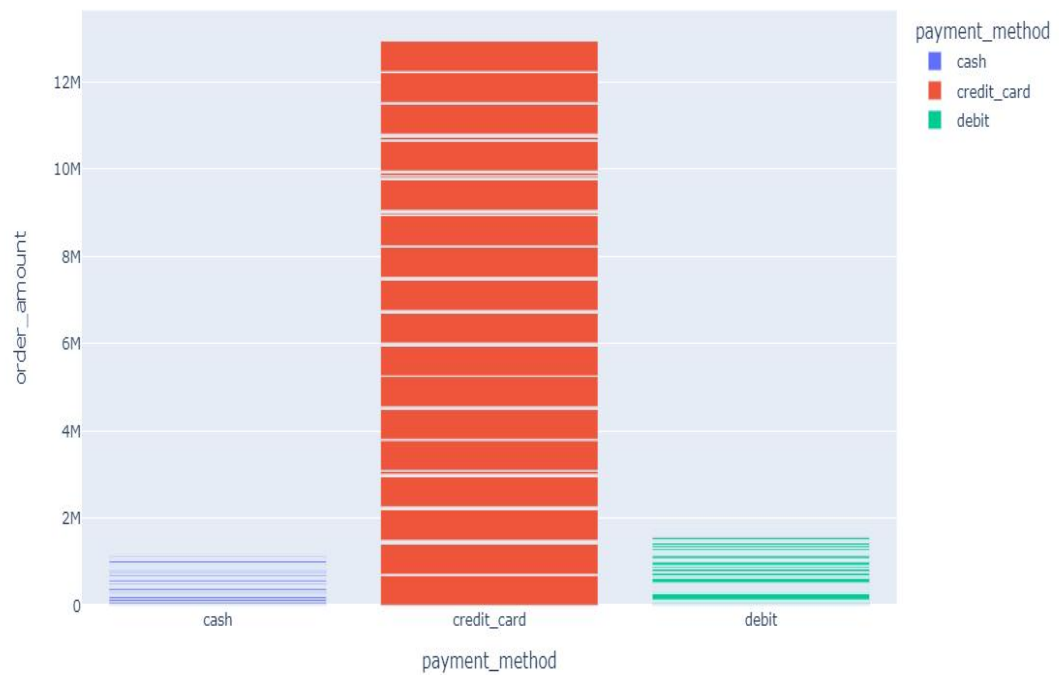


NISHANT DAVE

SHOPIFY ASSESSMENT
Q1

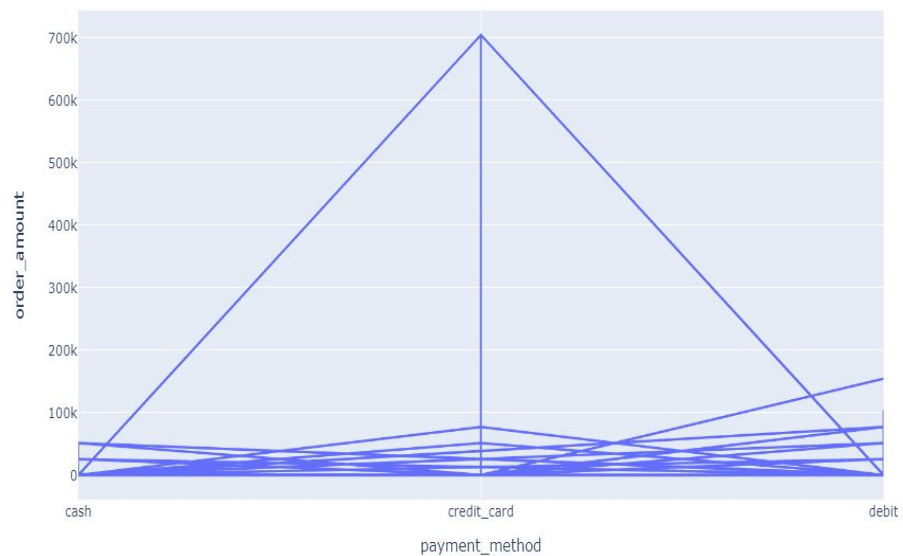
```
In [27]: px.bar(x="payment_method", y="order_amount", color="payment_method")
```



As you can see the major transactions are done in credit card for the sneakers. Also, some people might not have a credit card as they have a debit card or cash. Sales might be less because of this. We could add options for debit-based EMI for increasing sales.

```
In [24]: z=x['order_amount'].mean()  
z  
y=x['order_amount']
```

```
In [25]: px.line(x="payment_method", y="order_amount")
```



```
In [22]: import pandas as pd
import matplotlib.pyplot as plt
import plotly.express as px
```

```
In [23]: x=pd.read_csv('shopify1.csv')
x
```

```
Out[23]:
```

	order_id	shop_id	user_id	order_amount	total_items	payment_method	created_at
0	1	53	746	224	2	cash	13/03/2017 12:36
1	2	92	925	90	1	cash	03/03/2017 17:38
2	3	44	861	144	1	cash	14/03/2017 04:23
3	4	18	935	156	1	credit_card	26/03/2017 12:43
4	5	18	883	156	1	credit_card	01/03/2017 04:35
...
4995	4996	73	993	330	2	debit	30/03/2017 13:47
4996	4997	48	789	234	2	cash	16/03/2017 20:36
4997	4998	56	867	351	3	cash	19/03/2017 05:42
4998	4999	60	825	354	2	credit_card	16/03/2017 14:51
4999	5000	44	734	288	2	debit	18/03/2017 15:48

5000 rows x 7 columns

```
In [24]: z=x['order_amount'].mean()
z
y=x['order_amount']
```

```
In [25]: px.line(x,x='payment_method',y='order_amount')
```

Q2

Q2

A

SELECT COUNT(ShipperID)

From Orders

Where ShipperID="1";

B

SELECT MAX(EmployeeID)

From Orders ;

Ans=9

SELECT LastName FROM [Employees]

where EmployeeID="9"

Ans= Dodsworth

C

SELECT MAX(CustomerID)

From Orders

Ans=91

SELECT CustomerID FROM [Customers]

where Country="Germany"

Ans= 1

6

17

25

39

44

52

56

63

79

86

SQL Statement:

```
SELECT LastName FROM [Employees]
where EmployeeID="9"
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 1

LastName
Dodsworth

Your Database:

Tablename	Records
Customers	91
Categories	8
Employees	10
OrderDetails	518
Orders	196
Products	77
Shippers	3
Suppliers	29

Restore Database

SQL Statement:

```
SELECT COUNT(ShipperID)
From Orders
Where ShipperID="1";
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 1

COUNT(ShipperID)
54

Your Database:

Tablename	Records
Customers	91
Categories	8
Employees	10
OrderDetails	518
Orders	196
Products	77
Shippers	3
Suppliers	29

Restore Database