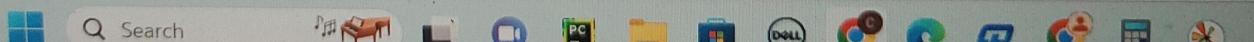


ppt.py

```
1 import sqlite3
2 abc=sqlite3.connect('swiggy.db')
3
4 #p=abc.execute("create table food(id integer,name text,type text)")
5
6 #r=abc.execute("create table menu(menu_id int,r_id integer,f_id integer,price integer)")
7 #a=abc.execute("create table order_details(id integer,order_id integer,f_id integer)")
8 #s=abc.execute("create table orders(order_id integer,user_id integer, r_id integer,amount integer,date
9 integer)")
10 #a=abc.execute("create table restaurants(r_id integer,r_name varchar2(12),cuisine varchar2(13),rating
11 float(5))")
12 #n=abc.execute("create table customers(user_id integer,name text,email varchar2(20),password text")
13
14
15 abc.execute("insert into food values(1,'pizza','non_veg'),(2, 'Pizza','Veg'),(3,'Choco Lava
cake','Veg'),(4,'Chicken Wings','Non-veg'),(5,'Chicken Popcorn','Non-veg'),(6,'Rice Meal','Veg'),
(7,'Roti meal','Veg'),(8,'Masala Dosa','Veg'),(9,'Rava Idli','Veg'),(10,'Schezwan Noodles','Veg')")
16 abc.execute("insert into menu values(1,1,1,450),(2, 1, 2, 400),(3, 1,3,100),(4,2,3,115),(5,2,4,230),
(6,2,5,300),(7,3,3,80),(8,3,6,160),(9,3,7,140)")
18
19 abc.execute("insert into order_details values (1,1001,1),(2,1001,3),(3,1002,4),(4,1002,3),(5,1003,6),
(6,1003,3),(7,1004,6),(8,1004,3),(9,1005,7),(10,1005,3)")
20
21 abc.execute("insert into orders values(1002,1,2,415,2022-05-26),(1003,1,3,240,2022-06-15),
(1004,1,3,240,2022-06-29),(1005,1,3,220,2022-07-11),(1005,1,3,220,2022-07-10),(1006,2,1,950,2022-06-10)
```

Ln 25, Col 1 History ⌂



ppt.py x swiggy.py x swiggy-schema - users.csv x swiggy-schema - orders.csv x swiggy-schema - resta +

swiggy.py

21 abc.execute("insert into orders values(1002,1,2,415,2022-05-26),(1003,1,3,240,2022-06-15),  
(1004,1,3,240,2022-06-29),(1005,1,3,220,2022-07-1),(1005,1,3,220,2022-07-10),(1006,2,1,950,2022-06-10),  
(1007,2,2,530,2022-06-23),(1008,2,3,240,2022-06-27),(1009,2,4,300,2022-07-17),(1010,2,5,650,2022-07-  
31)")

22

23 abc.execute("insert into restaurants values(1,'dominos','Italian',4.1),(2,'kfc','American',3.9),  
(3,'box8','North Indian',4.3),(4,'DosaPlaza','SouthIndian',4.6),(5,'ChinaTown','Chinese',4)")

24

25 abc.execute("insert into customers values(1,'Saurabh','saurabh@gmail.com','p252h'),  
(2,'Prajwal','prajwal@gmail.com','hxn9b'),(2,'Prajwal','prajwal@gmail.com','hxn9b'),  
(3,'Ganesh','ganesh@gmail.com','9hurj'),(4,'Musaib','musaib@gmail.com','lkko3'),  
(5,'Swapnil','swapnil@gmail.com','57trwl'),(6,Bhushan,'bhushan@gmail.com','46rdw2'),  
(7,Rishabh,'rishabh@gmail.com','4sw123'),(8,Sartaj,'sartaj@gmail.com','36swql'),  
(9,'Dwity,dwity@.com','86dwlt'),(9,Prasanna,'prasanna@gmail.com','77plas'))")

26

27 p=abc.execute("select \* from food")

28 for i in p:

29 print("food table:[f\_id,name,type]")

30 print("food:",i)

31 r=abc.execute("select \* from menu ")

32 for i in r:

33 print("menu table:[menu\_id, r\_id, f\_id, price]")

34 print("menu:",i)

35 a=abc.execute("select \* from order\_details")

36 for i in a:

37 print("order\_detail table:[id,order\_id,f\_id]")

38 print("order\_detail:",i)

Run

ppt.py x swiggy.py x swiggy-schema - users.csv x swiggy-schema -

ppt.py

```
27 p=abc.execute("select * from food")
28 for i in p:
29     print("food table:[f_id,name,type]")
30     print("food:",i)
31 r=abc.execute("select * from menu ")
32 for i in r:
33     print("menu table:[menu_id, r_id, f_id, price]")
34     print("menu:",i)
35 a=abc.execute("select * from order_details")
36 for i in a:
37     print("order_detail table:[id,order_id,f_id]")
38     print("order_detail:",i)
39 s=abc.execute("select * from orders")
40 for i in s :
41     print("orders table[order_id,user_id,r_id,amount,date]")
42     print("orders",i)
43 a=abc.execute("select * from restaurants")
44 for i in a:
45     print("restuarnts table:[r_id,r_name,cuisine,rating]")
46     print("restaraunt ",i)
47
48 fod=abc.execute("select * from food where (name='lava cake')")
49 for f in fod:
50     print('food iteam:\n',f)
51 men=abc.execute("select max(price) from menu")
52 for m in men:
53     print("heighest price:\t",m)
54 ord=abc.execute("select max(amount) from orders")
```

ppt.py ✘   ✘ swiggy.py ✘ swiggy-schema - users.csv ✘ swiggy-schema

  ppt.py

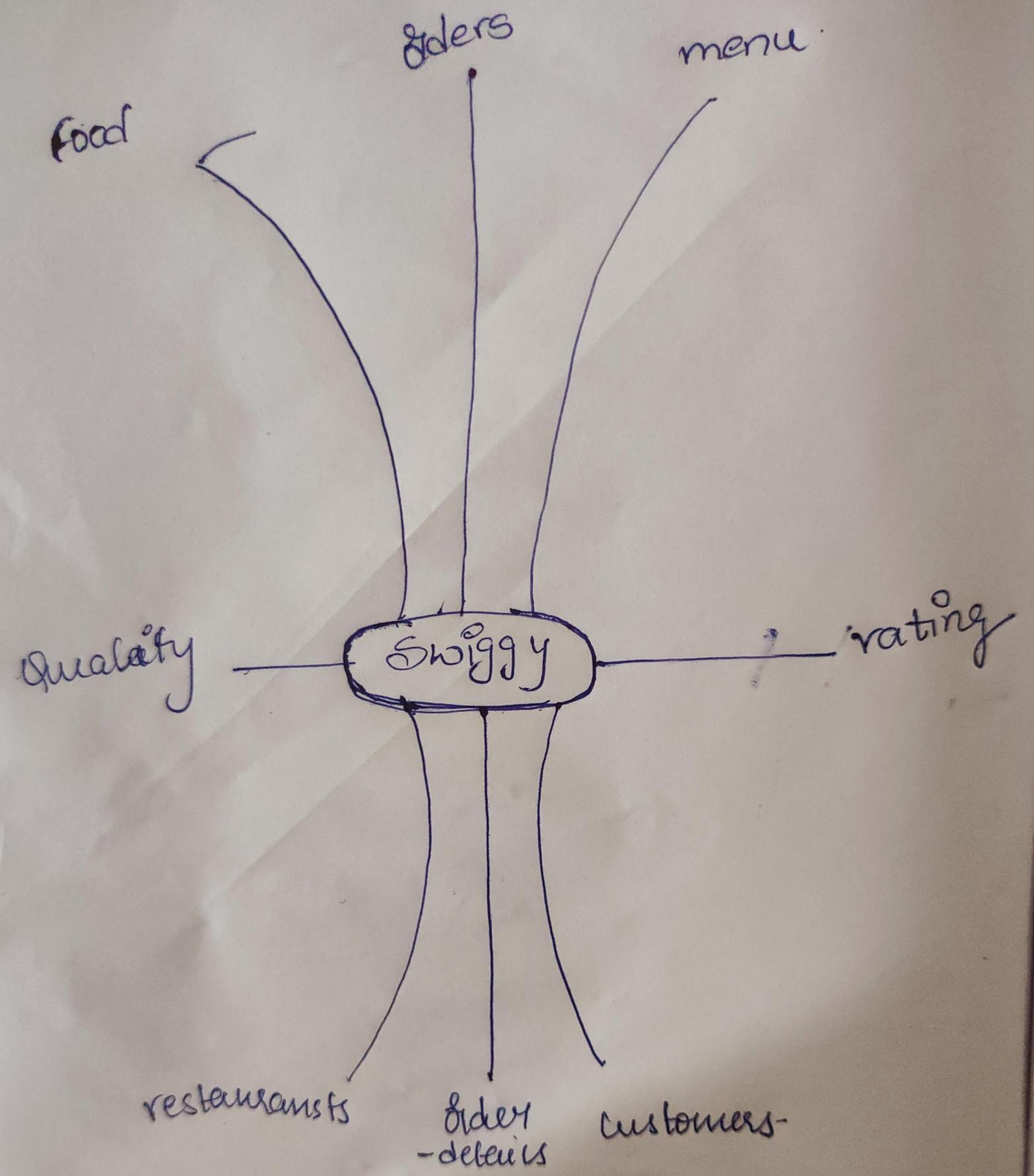
```
39 s=abc.execute("select * from orders")
40 ~ for i in s :
41     print("orders table[order_id,user_id,r_id,amount,date]")
42     print("orders",i)
43 a=abc.execute("select * from restaurants")
44 ~ for i in a:
45     print("restuarnts table:[r_id,r_name,cuisine,rating]")
46     print("restaraunt ",i)
47
48 fod=abc.execute("select * from food where (name='lava cake')")
49 ~ for f in fod:
50     print('food item:\n',f)
51 men=abc.execute("select max(price) from menu")
52 ~ for m in men:
53     print("highest price:\t",m)
54 ord=abc.execute("select max(amount) from orders")
55 ~ for o in ord:
56     print("highest amount:",o)
57 abc.commit()
58 abc.close()
59
60
```

```
food table:[f_id,name,type]
food: (1, 'pizza', 'non_veg')
food table:[f_id,name,type]
food: (2, 'Pizza', 'Veg')
food table:[f_id,name,type]
food: (3, 'Choco Lava cake', 'Veg') I
food table:[f_id,name,type]
food: (4, 'Chicken Wings', 'Non-veg')
food table:[f_id,name,type]
food: (5, 'Chicken Popcorn', 'Non-veg')
food table:[f_id,name,type]
food: (6, 'Rice Meal', 'Veg')
food table:[f_id,name,type]
food: (7, 'Roti meal', 'Veg')
food table:[f_id,name,type]
food: (8, 'Masala Dosa', 'Veg')
food table:[f_id,name,type]
food: (9, 'Rava Idli', 'Veg')
food table:[f_id,name,type]
food: (10, 'Schezwan Noodles', 'Veg')
menu table:[menu_id, r_id, f_id, price]
menu: (1, 1, 1, 450)
menu table:[menu_id, r_id, f_id, price]
menu: (2, 1, 2, 400)
menu table:[menu_id, r_id, f_id, price]
menu: (3, 1, 3, 100)
menu table:[menu_id, r_id, f_id, price]
menu: (4, 2, 3, 115)
menu table:[menu_id, r_id, f_id, price]
menu: (5, 2, 4, 230)
menu table:[menu_id, r_id, f_id, price]
menu: (6, 2, 5, 300)
menu table:[menu_id, r_id, f_id, price]
menu: (7, 3, 3, 80)
menu table:[menu_id, r_id, f_id, price]
menu: (8, 3, 6, 160)
menu table:[menu_id, r_id, f_id, price]
menu: (9, 3, 7, 140)
order_detail table:[id,order_id,f_id]
```

```
menu: (9, 3, 7, 140)
order_detail table:[id,order_id,f_id]
order_detail: (1, 1001, 1)
order_detail table:[id,order_id,f_id]
order_detail: (2, 1001, 3)
order_detail table:[id,order_id,f_id]
order_detail: (3, 1002, 4)
order_detail table:[id,order_id,f_id]
order_detail: (4, 1002, 3)
order_detail table:[id,order_id,f_id]
order_detail: (5, 1003, 6)
order_detail table:[id,order_id,f_id]
order_detail: (6, 1003, 3)
order_detail table:[id,order_id,f_id]
order_detail: (7, 1004, 6)
order_detail table:[id,order_id,f_id]
order_detail: (8, 1004, 3)
order_detail table:[id,order_id,f_id]
order_detail: (9, 1005, 7)
order_detail table:[id,order_id,f_id]
order_detail: (10, 1005, 3)
orders table[order_id,user_id,r_id,amount,date]
orders (1002, 1, 2, 415, 1991)
orders table[order_id,user_id,r_id,amount,date]
orders (1003, 1, 3, 240, 2001)
orders table[order_id,user_id,r_id,amount,date]
orders (1004, 1, 3, 240, 1987)
orders table[order_id,user_id,r_id,amount,date]
orders (1005, 1, 3, 220, 2014)
orders table[order_id,user_id,r_id,amount,date]
orders (1005, 1, 3, 220, 2005)
orders table[order_id,user_id,r_id,amount,date]
orders (1006, 2, 1, 950, 2006)
orders table[order_id,user_id,r_id,amount,date]
orders (1007, 2, 2, 530, 1993)
orders table[order_id,user_id,r_id,amount,date]
orders (1008, 2, 3, 240, 1989)
orders table[order_id,user_id,r_id,amount,date]
orders (1009, 2, 4, 300, 1998)
```

```
order_detail table:[id,order_id,f_id]
order_detail table:[id,order_id,f_id]
order_detail table:[id,order_id,f_id]
order_detail table:[id,order_id,f_id]
order_detail table:[id,order_id,f_id]
orders table[order_id,user_id,r_id,amount,date]
orders (1002, 1, 2, 415, 1991)
orders table[order_id,user_id,r_id,amount,date]
orders (1003, 1, 3, 240, 2001)
orders table[order_id,user_id,r_id,amount,date]
orders (1004, 1, 3, 240, 1987)
orders table[order_id,user_id,r_id,amount,date]
orders (1005, 1, 3, 220, 2014)
orders table[order_id,user_id,r_id,amount,date]
orders (1005, 1, 3, 220, 2005)
orders table[order_id,user_id,r_id,amount,date]
orders (1006, 2, 1, 950, 2006)
orders table[order_id,user_id,r_id,amount,date]
orders (1007, 2, 2, 530, 1993)
orders table[order_id,user_id,r_id,amount,date]
orders (1008, 2, 3, 240, 1989)
orders table[order_id,user_id,r_id,amount,date]
orders (1009, 2, 4, 300, 1998)
orders table[order_id,user_id,r_id,amount,date]
orders (1010, 2, 5, 650, 1984)
restauarnts table:[r_id,r_name,cuisine,rating]
restaraunt (1, 'dominos', 'Italian', 4.1)
restauarnts table:[r_id,r_name,cuisine,rating]
restaraunt (2, 'kfc', 'American', 3.9)
restauarnts table:[r_id,r_name,cuisine,rating]
restaraunt (3, 'box8', 'North Indian', 4.3)
restauarnts table:[r_id,r_name,cuisine,rating]
restaraunt (4, 'DosaPlaza', 'SouthIndian', 4.6)
restauarnts table:[r_id,r_name,cuisine,rating]
restaraunt (5, 'ChinaTown', 'Chinese', 4.0)
heighest price: (450,)
heighest amount: (950,)
```

&gt; █



```
jetBrains\PyCharm 1 import matplotlib.pyplot as plt\n2\n3 categories=['burgers','pizza','chinese','south Indian']\n4 ordersonline=[3000,4000,2000,1500]\n5 ordersoffline=[1000,2000,1500,1000]\n6 plt.bar(categories,ordersonline)\n7 plt.bar(categories,ordersoffline,bottom=ordersoffline)\n8\n9 plt.show()\n10
```

local\JetBrains\PyCharm Community Edition 2022.3.1\jbr

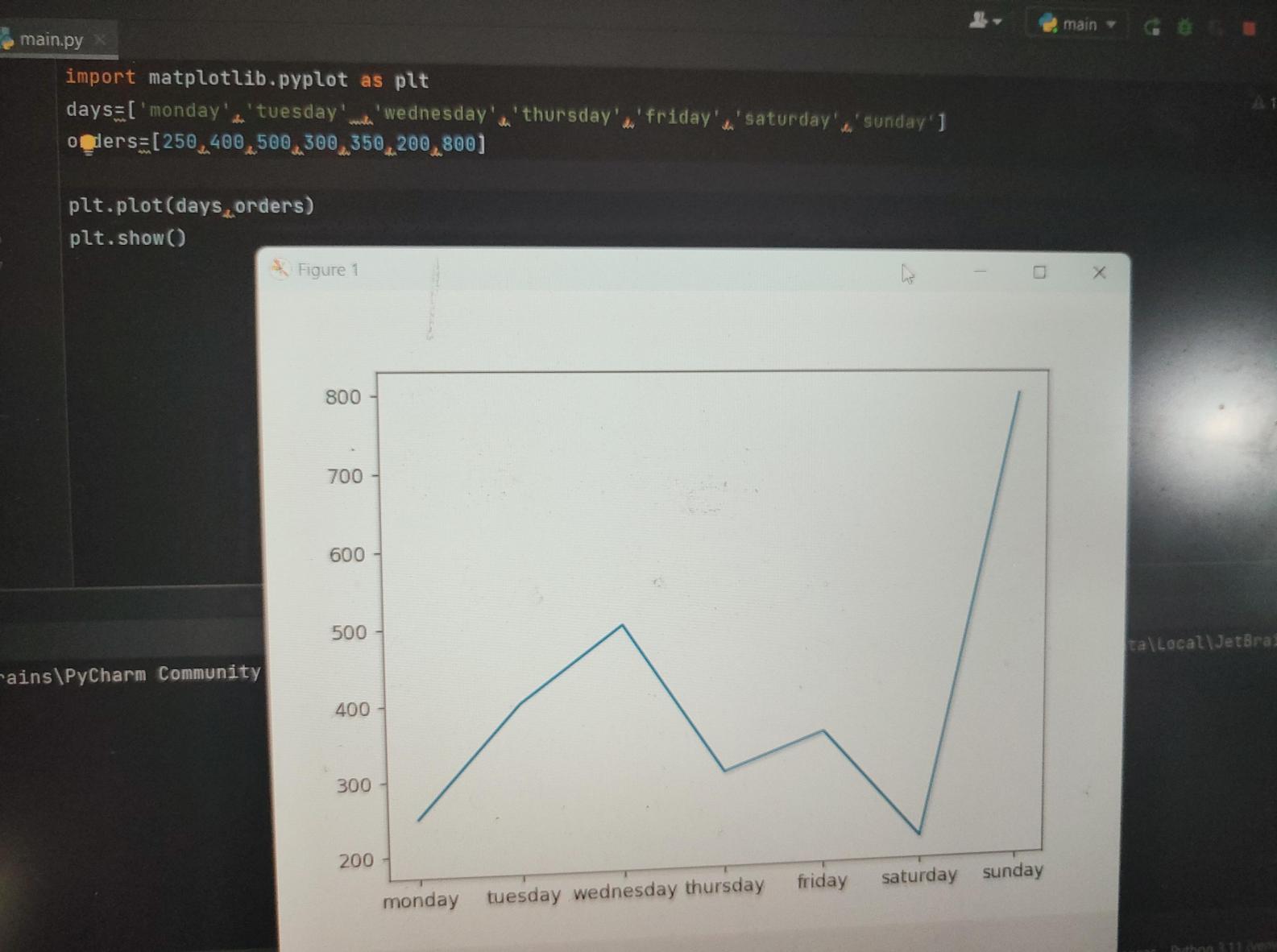
Problems Terminal Python Packages Python Console Services

'matplotlib' (yesterday 20:56)

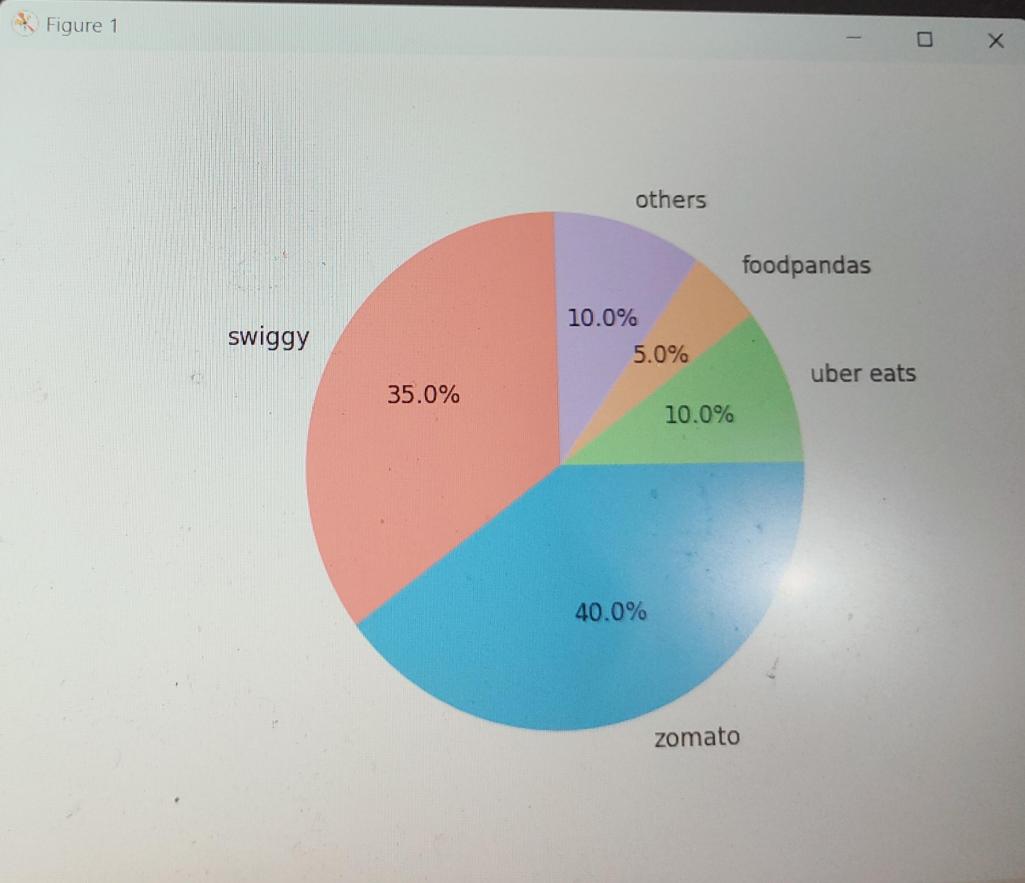
Ln 10, Col 1 (261)

Figure 1

Category	Online Orders	Offline Orders	Total Orders
burgers	3000	1000	4000
pizza	2000	2000	4000
chinese	1500	1500	3000
south Indian	1000	1000	2000

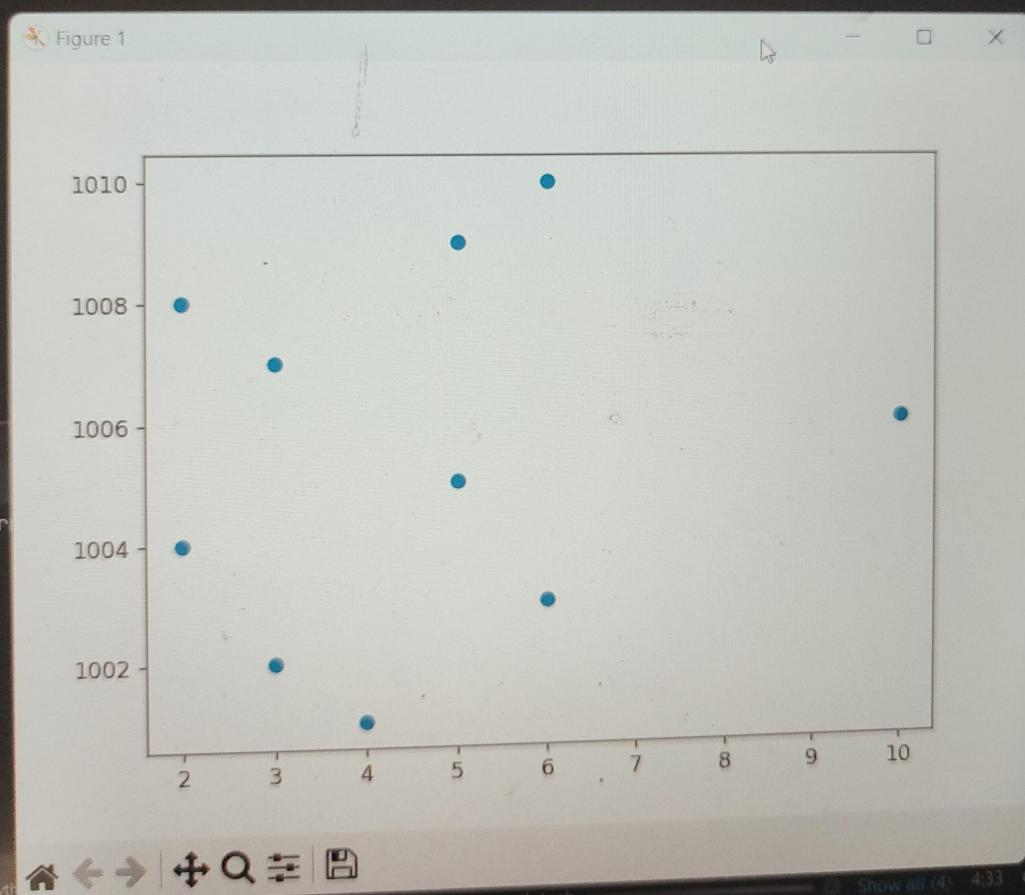


```
import matplotlib.pyplot as plt
labels=['swiggy','zomato','uber eats','foodpandas','others']
sizes=[35,40,10,5,10]
colors=['#ff9999','#66b3ff','#99ff99','#ffcc99','#d9b3ff']
fig,ax=plt.subplots()
ax.pie(sizes,colors=colors,labels=labels,autopct='%1.1f%%',startangle=90)
plt.show()
```

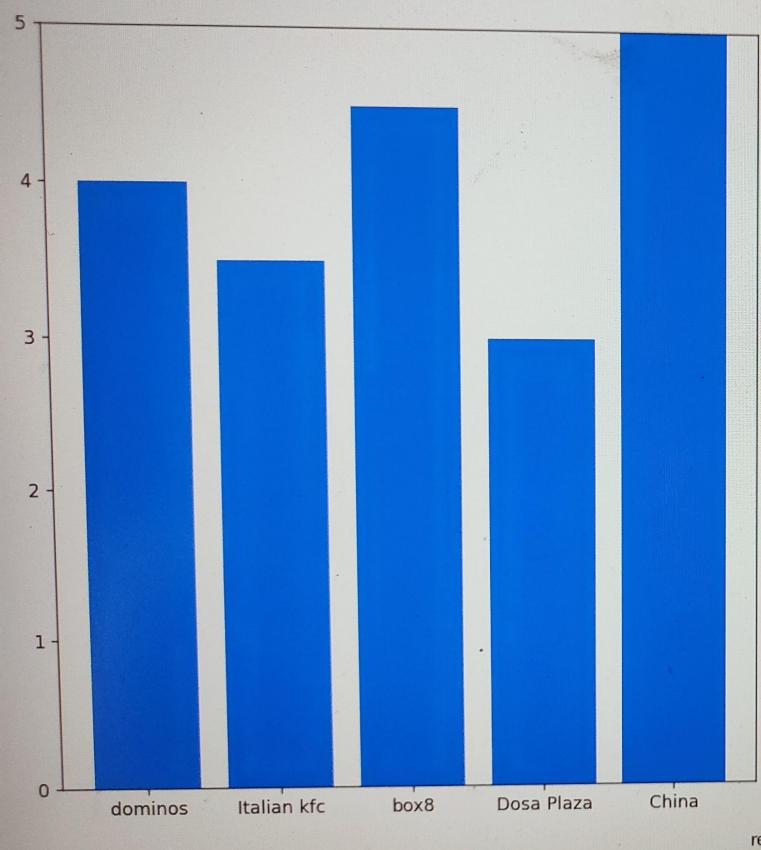


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```
main.py  
1 import matplotlib.pyplot as plt  
2 orders=[1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010]  
3 order_details=[4, 3, 6, 2, 5, 10, 3, 2, 5, 6]  
4 plt.scatter(order_details, orders)  
5 plt.show()
```



```
import matplotlib.pyplot as plt
customers_rating=[4.3, 3.5, 4.5, 3.5]
restaurant_ratings=[4.5, 3, 4, 3.5, 4.5]
restaurants=['dominos', 'Italian', 'kfc', 'box8', 'Dosa Plaza', 'China']
fig=plt.figure(figsize=(8,5))
ax1=fig.add_subplot(1, 2, 1)
ax1.set_ylim(0, 5)
ax2=fig.add_subplot(1, 2, 2)
ax2.set_ylim(0, 5)
ax1.bar(restaurants, customers_rating, color='blue')
ax2.bar(restaurants, restaurant_ratings, color='green')
fig.text(0.5, 0.04, 'restaurants', ha='center')
fig.text(0.04, 0.5, 'ratings', )
plt.show()
```



main.py > main.py

main.py x

```
1 import matplotlib.pyplot as plt
2 restaurant=['dominos','kfc','box8','Dosa Plaza','China']
3 famous_cuisine=['Italian','American','North Indian','South Indian','chinese']
4 rating=[4.1,3.1,3.9,4.5,3]
5 plt.hist(rating,bins=5,alpha=0.9,color='blue')
6 plt.hist(restaurant,famous_cuisine)
7 plt.title('histogram of review on swiggy') I
8 plt.show()
9
```

histogram of review on swiggy

