

user information table:

	username	password	repassword	usertype	
▶					
	1	1	1	customer	
	123	1	1	customer	
	432	1	1	customer	
	789	789	789	manager	
	9837	123	123	customer	
	Alex	1	1	customer	
	Amy	Amy	Amy	customer	
	bob	11	11	customer	
	hello	1	1	customer	
	hi	2	2	customer	
	Ibaraki	299	299	customer	
	jimmy	jimmy	jimmy	customer	
	jun	ss	ss	customer	
	Len	2222	2222	customer	
	MOMO	333	333	customer	
	qq	qq	qq	retailer	
	Shutun	244	244	customer	
	siri	111	111	customer	
	tim	123	123	customer	
	tom	234	234	customer	
	NULL	NULL	NULL	NULL	

user Address table:

	userID	CustomerName	Street	City	State	ZipCode	
▶							
	1	Helen	75 N Chicago St	Chicago	ILLINOIS	60616	
	123	bob	2916.SK	Chicago	ILLINOIS	60616	
	432	King	47 W Division St	Chicago	ILLINOIS	60610	
	789	Ran	2326.AVE	Chicago	ILLINOIS	60616	
	9837	Jiaxin	231o, Wa,Ave	Chicago	ILLINOIS	60616	
	Alex	Alex	2801,SouthKing	Chicago	ILLINOIS	60616	
	Amy	Amy	1147 W Jackson Blvd	Chicago	ILLINOIS	60612	
	bob	bob	2216.AVE	Chicago	ILLINOIS	60616	
	hello	Krean	25 N Karlov Ave	Chicago	ILLINOIS	60616	
	hi	Jia	225 S Canal St	Chicago	ILLINOIS	60616	
	Ibaraki	Ibaraki	1419 W Blackhawk...	Chicago	ILLINOIS	60616	
	jimmy	jimmy	23.SKI	Chicago	ILLINOIS	60616	
	jun	Jun	411 W 31st St	Chicago	ILLINOIS	60616	
	Len	Len	4112 W 31st St	Chicago	ILLINOIS	60612	
	MOMO	MOMO	2521,SouthKing	Chicago	ILLINOIS	60616	
	qq	Ma	2533 N Karlov Ave	Chicago	ILLINOIS	60616	
	Shutun	Shutun	4327 S Archer Ave	Chicago	ILLINOIS	60616	
	siri	siri	3431 W.AVR	Chicago	ILLINOIS	60616	
	NULL	NULL	NULL	NULL	NULL	NULL	

product table:

	ProductType	Id	productName	productPri...	productImage	productManufactu...	productCondi...	productDisc...
▶	TV	Class Crystal	Class Crystal	497.99	samsung.png	Samsung	New	10
	Soundssystem	g1	BFS-99X	60.99	BFS-99X.png	beFree Sound	New	15
	Soundssystem	g2	Bose Acoustimass 10	999.99	Bose1.png	Bose	Refurbished	15
	Soundssystem	g3	Logitech Z906	498	Logitech.png	Logitech	New	15
	Soundssystem	g4	HC221B	43.99	GPX1.png	GPX	New	15
	Soundssystem	g5	PoppinPod Kolo	6999.09	PoppinPodKolo.png	PoppinPodKolo	New	15
	Phone	ipad	iphone11	759.99	iphone11.png	Apple	New	40
	Phone	ipad3	iphoneXR	499.99	iphoneXR.png	Apple	Used	20
	Laptop	l1	MacBook Pro	2149	mac.png	Apple	New	15
	Laptop	l2	Dell AlienWare	1694	Dell.png	Dell	New	15
	Laptop	l3	Samsung Galaxy	1059	Samsung.png	Samsung	New	15
	Laptop	l4	HP	759	hp.png	HP	New	15
	Laptop	l5	Microsoft Surface	1089	Surface.png	Surface	New	15
	TV	LG24LM53...	LG24LM530S-PU	169.99	lg1.png	LG	New	10
	accessories	nintendo_sh	Racing Controller	89.99	Wii2.jpg	TCL	New	0
	accessories	nintendo_wc	Controller	89.99	Wii1.jpg	TCL	New	0
	accessories	ps3_wc	HeadPhones	89.99	Turtle Beach Head...	Sony	New	0
	accessories	ps4_wc	Sony XBR-77A9G	89.99	XBOX controller.png	Sony	New	0
	Phone	Samsung2	Samsung Galaxy S20	1099	Samsung Galaxy....	Samsung	New	15
	Phone	Samsung3	Honor 8A	106.98	Honor 8A.png	Honor	New	15
	TV	Sony KDL3...	Sony KDL32W600D	298	sony1.png	Sony	New	10
	TV	Sony X750H	Sony X750H	598	sony2.png	Sony	New	10
	Phone	Surface	Moto G Power	229.99	Moto.png	Motorola	New	15
	Phone	Surface4	Google Pixel 4	549	Google Pixel.png	Pixel	New	15
	TV	TCL QLED...	TCL QLED Roku	589	tcl1.png	TCL	New	10
	TV	Ultra Thin H...	Ultra Thin HDMI 2.0	517.5	Sceptre1.png	Sceptre	New	10
	Voice	v1	Samsung Bixby	49.99	Certified Refurbish...	Samsung Bixby	New	15
	Voice	v2	Bose Home	79.99	Bose Alex.png	Bose Home	New	15

order table:

	OrderId	userName	productId	orderPrice	fullName	userAddress	zipCode	creditCard...	purchaseDat...
▶	1	tim	BFS-99X	60.99	tim	800 S Desplaines St,Chicago,ILLI...	60607	12345	10/06/2020
	1	tim	Microsoft Surface	1089	tim	800 S Desplaines St,Chicago,ILLI...	60607	12345	10/06/2020
	2	tom	Bose Home	79.99	tom	2916.SK,Chicago,ILLINOIS	60616	876	10/06/2020
	3	Alex	Bose Home	79.99	Alex	2801,SouthKing,Chicago,ILLINOIS	60616	234	10/06/2020
	3	Alex	HTC Vive Cosmos Elite	799	Alex	2801,SouthKing,Chicago,ILLINOIS	60616	234	10/06/2020
	4	bob	Class Crystal	497.99	bob	2216.AVE,Chicago,ILLINOIS	60616	1231	10/06/2020
	4	bob	Microsoft Surface	1089	bob	2216.AVE,Chicago,ILLINOIS	60616	1231	10/06/2020
	5	Amy	Bose Home	79.99	Amy	1147 W Jackson Blvd,Chicago,ILL...	60612	2345	10/06/2020
	6	jimmy	Microsoft Surface	1089	jimmy	23.SKI,Chicago,ILLINOIS	60616	2345	10/06/2020
	7	123	Bose Acoustimass 10	999.99	Jean	000Street,Chicago,ILLINOIS	60616	234	10/06/2020
	8	432	MacBook Pro	2149	King	47 W Division St,Chicago,ILLINOIS	60610	2345	10/06/2020
	9	hello	Sony KDL32W600D	298	Krean	25 N Karlov Ave,Chicago,ILLINOIS	60616	234521	10/06/2020
	10	1	COWIN E7	879	Helen	75 N Chicago St,Chicago,ILLINOIS	60616	12331	10/06/2020
	11	9837	Dell AlienWare	1694	Jiaxin	231o, Wa,AVe ,Chicago,ILLINOIS	60616	2345	10/06/2020
	12	hi	LETSCOM	47	Jia	225 S Canal St,Chicago,ILLINOIS	60616	876	10/06/2020
	13	jun	Honor 8A	106.98	Jun	411 W 31st St,Chicago,ILLINOIS	60616	2345	10/06/2020
	14	Ibaraki	ihome	129	Ibaraki	1419 W Blackhawk St,Chicago,IL...	60616	sss	10/06/2020
	15	Shutun	Logitech Z906	498	Shutun	4327 S Archer Ave,Chicago,ILLIN...	60616	22	10/06/2020
	16	Len	Bose Home	79.99	Len	4112 W 31st St,Chicago,ILLINOIS	60612	234	10/06/2020
	16	Len	DESTEK V5	79	Len	4112 W 31st St,Chicago,ILLINOIS	60612	234	10/06/2020
	16	Len	HTC Vive Cosmos Elite	799	Len	4112 W 31st St,Chicago,ILLINOIS	60612	234	10/06/2020
	17	789	Microsoft Surface	1089	Ran	2326.AVE,Chicago,ILLINOIS	60616	2345	10/06/2020
	18	qq	PoppinPod Kolo	6999.09	Ma	2533 N Karlov Ave,Chicago,ILLIN...	60616	76521	10/06/2020
	19	MOMO	COWIN E7	879	MOMO	2521,SouthKing,Chicago,ILLINOIS	60616	123222	10/06/2020
	20	siri	TCL 65R625	399.99	siri	3431 W.AVR,Chicago,ILLINOIS	60616	2345312	10/06/2020

purchaseDate	shipDate	category	quantity	shippingCost	discount	totalsales	Store_ID	StoreLocation
10/06/2020	10/20/2020	beFree Sound	1	0	15	1149.99	b8ta	520 Michigan Ave,Chicago,IL,60611
10/06/2020	10/20/2020	Surface	1	0	15	1149.99	b8ta	520 Michigan Ave,Chicago,IL,60611
10/06/2020	10/20/2020	Bose Home	1	15	15	79.99	NULL	NULL
10/06/2020	10/20/2020	Bose Home	1	15	15	1677.99	NULL	NULL
10/06/2020	10/20/2020	Virtual Reality	2	15	0	1677.99	NULL	NULL
10/06/2020	10/20/2020	Samsung	1	0	10	1586.99	Magnolia	555 W Roosevelt Rd,Chicago,IL,606
10/06/2020	10/20/2020	Surface	1	0	15	1586.99	Magnolia	555 W Roosevelt Rd,Chicago,IL,606
10/06/2020	10/20/2020	Bose Home	1	15	15	79.99	NULL	NULL
10/06/2020	10/20/2020	Surface	1	15	15	1089.0	NULL	NULL
10/06/2020	10/20/2020	Bose	1	0	15	999.99	b8ta	520 Michigan Ave,Chicago,IL,60611
10/06/2020	10/20/2020	Apple	1	0	15	2149.0	Magnolia	555 W Roosevelt Rd,Chicago,IL,606
10/06/2020	10/20/2020	Sony	1	15	10	298.0	NULL	NULL
10/06/2020	10/20/2020	Headphones	1	0	0	879.0	Micro C...	2645 N Elston Ave,Chicago,IL,60647
10/06/2020	10/20/2020	Dell	1	15	15	1694.0	NULL	NULL
10/06/2020	10/20/2020	FitnessWatc...	1	0	0	47.0	Jalisco	1933 W Chicago Ave,Chicago,IL,606
10/06/2020	10/20/2020	Honor	1	15	15	106.98	NULL	NULL
10/06/2020	10/20/2020	iHome Google	1	0	15	129.0	Magnolia	555 W Roosevelt Rd,Chicago,IL,606
10/06/2020	10/20/2020	Logitech	1	0	15	498.0	Apple...	401 N Michigan Ave,Chicago,IL ,606
10/06/2020	10/20/2020	Bose Home	1	15	15	957.99	NULL	NULL
10/06/2020	10/20/2020	VR	1	15	0	957.99	NULL	NULL
10/06/2020	10/20/2020	Virtual Reality	1	15	0	957.99	NULL	NULL
10/06/2020	10/20/2020	Surface	1	15	15	1089.0	NULL	NULL
10/06/2020	10/20/2020	PoppinPodK...	1	0	15	6999.09	Jalisco	1933 W Chicago Ave,Chicago,IL,606
10/06/2020	10/20/2020	Headphones	1	15	0	879.0	NULL	NULL
10/06/2020	10/20/2020	TCL	1	0	10	399.99	Ricoh...	180 N Wabash Ave # 700,Chicago,IL
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

user Address table:

	userID	CustomerName	Street	City	State	ZipCode	
▶	1	Helen	75 N Chicago St	Chicago	ILLINOIS	60616	
	123	bob	2916.SK	Chicago	ILLINOIS	60616	
	432	King	47 W Division St	Chicago	ILLINOIS	60610	
	789	Ran	2326.AVE	Chicago	ILLINOIS	60616	
	9837	Jiaxin	231o, Wa,Ave	Chicago	ILLINOIS	60616	
	Alex	Alex	2801,SouthKing	Chicago	ILLINOIS	60616	
	Amy	Amy	1147 W Jackson Blvd	Chicago	ILLINOIS	60612	
	bob	bob	2216.AVE	Chicago	ILLINOIS	60616	
	hello	Krean	25 N Karlov Ave	Chicago	ILLINOIS	60616	
	hi	Jia	225 S Canal St	Chicago	ILLINOIS	60616	
	Ibaraki	Ibaraki	1419 W Blackhawk...	Chicago	ILLINOIS	60616	
	jimmy	jimmy	23.SKI	Chicago	ILLINOIS	60616	
	jun	Jun	411 W 31st St	Chicago	ILLINOIS	60616	
	Len	Len	4112 W 31st St	Chicago	ILLINOIS	60612	
	MOMO	MOMO	2521,SouthKing	Chicago	ILLINOIS	60616	
	qq	Ma	2533 N Karlov Ave	Chicago	ILLINOIS	60616	
	Shutun	Shutun	4327 S Archer Ave	Chicago	ILLINOIS	60616	
	siri	siri	3431 W.AVR	Chicago	ILLINOIS	60616	
	NULL	NULL	NULL	NULL	NULL	NULL	




Store Location table

	StoreID	street	city	state	zipCode	
▶	Apple Michigan Avenue	401 N Michigan Ave	Chicago	IL	60611	
	b8ta	520 Michigan Ave	Chicago	IL	60611	
	Dynamite	207 E Ohio St	Chicago	IL	60611	
	Jalisco	1933 W Chicago A...	Chicago	IL	60622	
	Jre & Associates Inc	215 E 31st St	Chicago	IL	60616	
	Magnolia	555 W Roosevelt Rd	Chicago	IL	60607	
	Micro Center	2645 N Elston Ave	Chicago	IL	60647	
	Nyce	227 W Monroe St...	Chicago	IL	60606	
	Ricoh USA	180 N Wabash Av...	Chicago	IL	60601	
	U & I	646 E 43rd St	Chicago	IL	60653	
	NULL	NULL	NULL	NULL	NULL	

Write a Review

Review

Product Name:	Samsung Galaxy
Product Category:	laptops
Product Price:	1059.0
Retailer Name:	SmartPortables
Retailer Zip:	<input type="text" value="60616"/>
Retailer City:	Chicago
Retailer State:	IL
Product On Sale:	Yes
Manufacturer Name:	Samsung

Username:
 User age:
 User address:
 User gender: 
 User Occupation:
 Review Rating: 
 Review Date: 
 Review Text:

this is a nice TV

Review

Product Name:	Samsung Galaxy
ProductCategory:	Samsung
ProductPrice:	1059\$
StoreID:	SmartPortables
StoreZip:	60616
Retailer City:	Chicago
StoreState:	IL
ProductOnSale::	Yes
userName:	123
userAge:	22
userAddress:	2801 South King Drive
userGender:	male
userOccupation:	accountant
Review Rating:	4
Review Date:	2020-10-30
Review Text:	this is a nice TV

review data in mongodb:

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{ "_id" : ObjectId("5f7ea6b9e413ec0884f15a2a"), "title" : "myReviews", "userName" : "789", "productName" : "Sony X750H", "productType" : "tvs", "productMaker" : "Sony", "reviewRating" : 5, "reviewDate" : "2020-10-31", "reviewText" : " nice product", "retailerpin" : "60610", "retailercity" : "Chicago", "userAge" : "54", "userGender" : "female", "userOccupation" : "accountant", "price" : 598 }
{ "_id" : ObjectId("5f7ea6ede413ec0884f15a2d"), "title" : "myReviews", "userName" : "Ibaraki", "productName" : "HC221B", "productType" : "soundsystems", "productMaker" : "GPX", "reviewRating" : 5, "reviewDate" : "2020-10-29", "reviewText" : " very beautiful", "retailerpin" : "60610", "retailercity" : "Chicago", "userAge" : "22", "userGender" : "male", "userOccupation" : "accountant", "price" : 43 }
{ "_id" : ObjectId("5f7ea713e413ec0884f15a33"), "title" : "myReviews", "userName" : "Ibaraki", "productName" : "Microsoft Surface", "productType" : "laptops", "productMaker" : "Surface", "reviewRating" : 4, "reviewDate" : "2020-10-28", "reviewText" : " nice", "retailerpin" : "60617", "retailercity" : "Chicago", "userAge" : "54", "userGender" : "male", "userOccupation" : "accountant", "price" : 1089 }
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Trending:

Trending	Top 5 most liked products												
	<table><tr><th>ProductName</th><th>rating</th></tr><tr><td>TCL 65R625</td><td>5</td></tr><tr><td>HeadPhoneV5</td><td>5</td></tr><tr><td>iphoneXR</td><td>5</td></tr><tr><td>Sony X750H</td><td>5</td></tr><tr><td>HC221B</td><td>5</td></tr></table>	ProductName	rating	TCL 65R625	5	HeadPhoneV5	5	iphoneXR	5	Sony X750H	5	HC221B	5
ProductName	rating												
TCL 65R625	5												
HeadPhoneV5	5												
iphoneXR	5												
Sony X750H	5												
HC221B	5												
TV													
■ Sony													
■ TCL													
■ LG													
■ Samsung													
■ Sceptre													
SoundSystems	Top 5 zip-codes where maximum number of products sold												
	<table><tr><th>Zip</th><th>Count</th></tr><tr><td>60616</td><td>8</td></tr><tr><td>60612</td><td>4</td></tr><tr><td>60617</td><td>3</td></tr><tr><td>60610</td><td>3</td></tr><tr><td>60601</td><td>1</td></tr></table>	Zip	Count	60616	8	60612	4	60617	3	60610	3	60601	1
Zip	Count												
60616	8												
60612	4												
60617	3												
60610	3												
60601	1												
■ beFree Sound													
■ Bose													
■ Logitech													
■ GPX													
■ PoppinPodKolo													
Phones	Top 5 most sold products regardless of the rating												
	<table><tr><th>ProductName</th><th>count</th></tr><tr><td>Class Crystal</td><td>4</td></tr><tr><td>Microsoft Surface</td><td>2</td></tr><tr><td>Sony X750H</td><td>2</td></tr><tr><td>iphoneXR</td><td>2</td></tr><tr><td>HeadPhoneV5</td><td>1</td></tr></table>	ProductName	count	Class Crystal	4	Microsoft Surface	2	Sony X750H	2	iphoneXR	2	HeadPhoneV5	1
ProductName	count												
Class Crystal	4												
Microsoft Surface	2												
Sony X750H	2												
iphoneXR	2												
HeadPhoneV5	1												
■ Apple													
■ Samsung													
■ Motorola													
■ Pixel													
■ Honor													
LapTops													