Online Shopping

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PURPOSE

 My purpose is to use five databases to analyze the shopping details for customers of provinces.

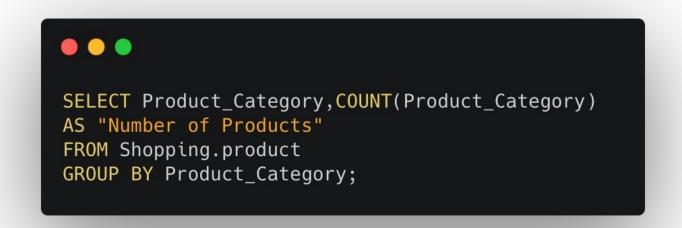
customer.csv market.csv order.csv shipping.csv product.csv

These databases are founded in Kaggle
https://www.kaggle.com/tanyadayanand/online-shopping

Question

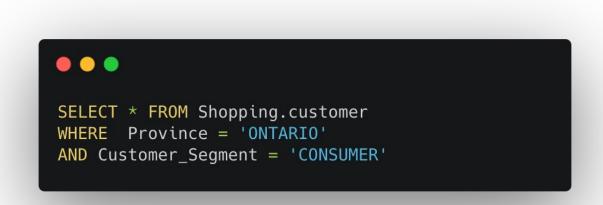
- 1. What is the famous product in the database 'product'?
- 2. Check Ontario and Consumer in the database 'customer'.
- 3. Where do customers use online shopping a lot?
- 4. Don't check 'Not Specified' and 'Critical, or delete them.
- What ship-mode do customers use a lot? (Shipping_cost below 40 dollar)
- 6. What product did customers order a lot?

1. What is the famous product in the database 'product'?



FFICE SUPPLIES	
FFICE SUFFLIES	9
ECHNOLOGY	4
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2. Check Ontario and Consumer in the database 'customer'.



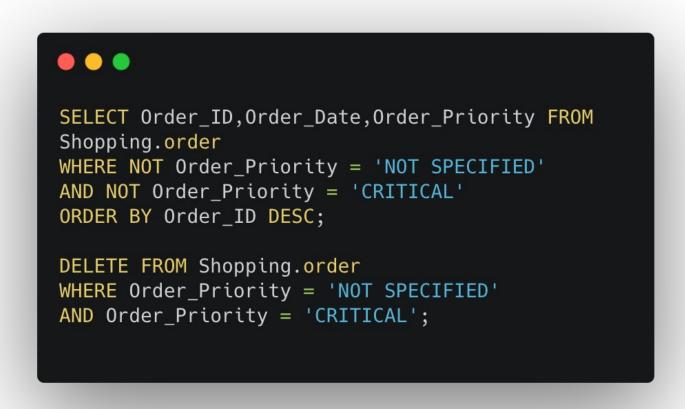
Customer_Name	Province	Region	Customer_Segment	Cust_id
JOSEPH AIRDO	ONTARIO	ONTARIO	CONSUMER	Cust_417
KEN LONSDALE	ONTARIO	ONTARIO	CONSUMER	Cust_418
KATRINA BAVINGER	ONTARIO	ONTARIO	CONSUMER	Cust_420
ROB BEEGHLY	ONTARIO	ONTARIO	CONSUMER	Cust_432
ANNIE THURMAN	ONTARIO	ONTARIO	CONSUMER	Cust_434
BOBBY ODEGARD	ONTARIO	ONTARIO	CONSUMER	Cust_446
RICK WILSON	ONTARIO	ONTARIO	CONSUMER	Cust_463
PETE ARMSTRONG	ONTARIO	ONTARIO	CONSUMER	Cust_468
JONI BLUMSTEIN	ONTARIO	ONTARIO	CONSUMER	Cust_471
NAT GILPIN	ONTARIO	ONTARIO	CONSUMER	Cust_472
BECKY CASTELL	ONTARIO	ONTARIO	CONSUMER	Cust_474
LISA DECHERNEY	ONTARIO	ONTARIO	CONSUMER	Cust_484
TAMARA CHAND	ONTARIO	ONTARIO	CONSUMER	Cust_490
ED LUDWIG	ONTARIO	ONTARIO	CONSUMER	Cust_496
EILEEN KIEFER	ONTARIO	ONTARIO	CONSUMER	Cust_500

3. Where do customers use online shopping a lot?



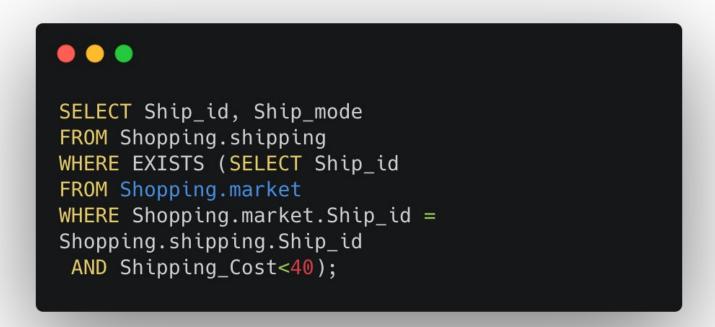
NUNAVUT	40
NORTHWEST TERRITORIES	76
PRINCE EDWARD ISLAND	45
MANITOBA	172
BRITISH COLUMBIA	239
NOVA SCOTIA	187
ONTARIO	337
NEWFOUNDLAND	58
QUEBEC	210
NEW BRUNSWICK	54
SASKACHEWAN	141
YUKON	130
ALBERTA	143

4. Don't check 'Not Specified' and 'Critical, or delete them



Order_ID	Order_Date	Order_Priority
59973	15-11-2011	LOW
59969	11-01-2012	HIGH
59942	08-02-2009	MEDIUM
59939	01-09-2010	MEDIUM
59937	28-12-2009	HIGH
59909	05-08-2012	LOW
59906	20-05-2010	HIGH
59905	14-04-2012	HIGH
59878	28-05-2012	HIGH
59845	22-12-2009	LOW
59812	22-06-2011	MEDIUM
59783	19-08-2010	LOW
59779	17-05-2009	LOW
59777	12-12-2010	HIGH
59776	09-03-2009	LOW
59750	09-07-2010	LOW
59686	08-03-2011	LOW
59684	29-12-2010	MEDIUM
59652	27-01-2011	MEDIUM
59589	11-04-2012	MEDIUM
50500	07 00 0010	1.0111

What ship-mode do customers use a lot? (Shipping cost below 40 dollar)?



Ship_id	Ship_mode
SHP_3	REGULAR AIR
SHP_4	REGULAR AIR
SHP_5	REGULAR AIR
SHP_6	REGULAR AIR
SHP_11	REGULAR AIR
SHP_12	REGULAR AIR
SHP_13	REGULAR AIR
SHP_15	REGULAR AIR
SHP_20	EXPRESS AIR
SHP_21	REGULAR AIR
SHP_22	REGULAR AIR
SHP_23	REGULAR AIR
SHP_25	REGULAR AIR
SHP_27	REGULAR AIR
SHP_31	REGULAR AIR
SHP_38	REGULAR AIR
SHP_41	REGULAR AIR
SHP_43	REGULAR AIR
SHP_44	REGULAR AIR
SHP_45	EXPRESS AIR
CLID 40	DECLII AD AID

What products are customers ordering a lot?

```
SELECT DISTINCT (Shopping.market.Prod_id),
Shopping.product.Product_Sub_Category
FROM Shopping.market
INNER JOIN Shopping.product
ON Shopping.product.Prod_id =
Shopping.market.Prod_id;
```

Prod_16	SCISSORS, RULERS AND TRIMMERS
Prod_13	PENS & ART SUPPLIES
Prod_4	TELEPHONES AND COMMUNICATION
Prod_6	PAPER
Prod_17	OFFICE MACHINES
Prod_12	LABELS
Prod_2	APPLIANCES
Prod_11	TABLES
Prod_10	BOOKCASES
Prod_5	OFFICE FURNISHINGS
Prod_9	ENVELOPES
Prod_15	CHAIRS & CHAIRMATS
Prod_7	RUBBER BANDS
Prod_3	BINDERS AND BINDER ACCESSORIES
Prod_1	STORAGE & ORGANIZATION
Prod_8	COMPUTER PERIPHERALS
Prod_14	COPIERS AND FAX

* Create a table for userID

```
CREATE TABLE `Shopping`.`userID` (
  `ID` INT NOT NULL,
  `First_Name` VARCHAR(45) NULL,
  `Middle_Name` VARCHAR(45) NULL,
  `Last_Name` VARCHAR(45) NULL,
  `Mobile` VARCHAR(15) NULL,
  `Email` VARCHAR(15) NULL,
  `Password` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`ID`));
```

Summary

- Office supplies are the famous products of online shopping.
- Many people use online shopping a lot from Ontario.
- Customers use regular air to order products.
- These products are popular with customers.

Prod_16	SCISSORS, RULERS AND TRIMMERS
Prod_13	PENS & ART SUPPLIES
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Prod_14	COPIERS AND FAX

Please click on the links below

Medium: https://medium.com/@annsyj94

LinkedIN: https://www.linkedin.com/in/kelly94/

GitHub: https://github.com/annsyj94?tab=repositories

Thank You