

Goldcost Analyse

Base de données et statistiques

Sommaire

Base de données

Structure, fonctionnement, interrogations

LAMBERT – TAILLARDAT – HUMBLLOT – CHAGRIN – C1

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Analyse statistique

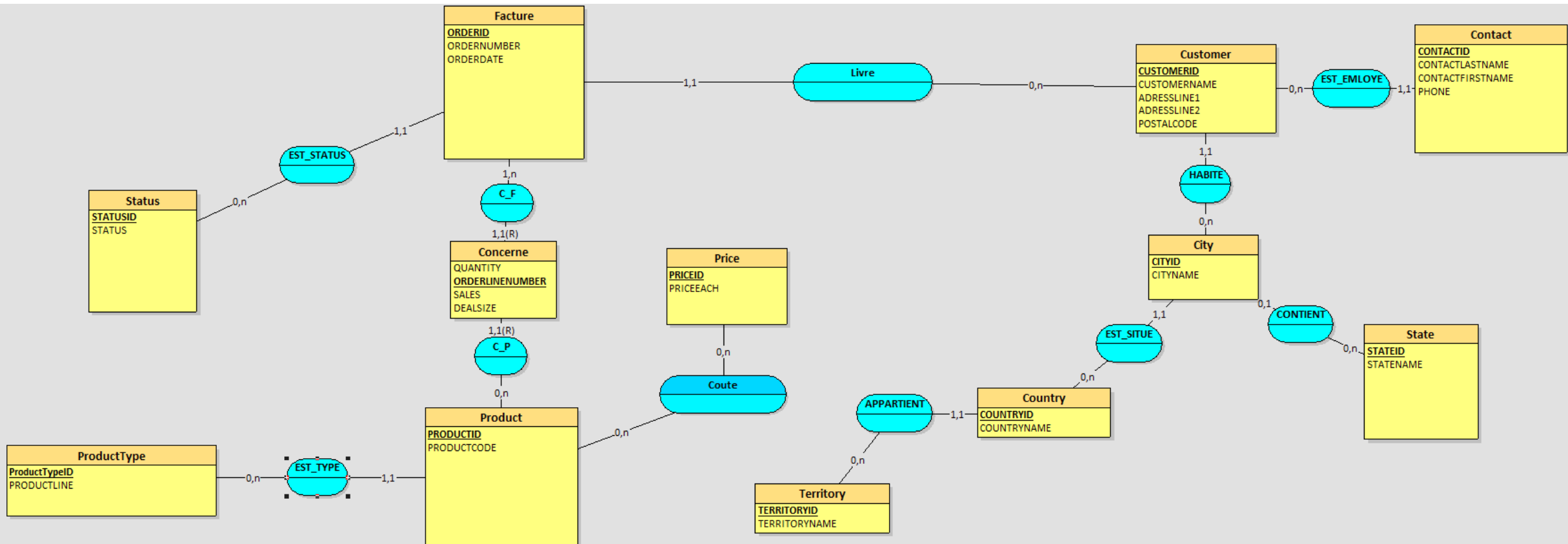
LAMBERT – TAILLARDAT – HUMBLLOT – CHAGRIN – C1

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Base de données

Structure, fonctionnement, interrogations

MCD



Partie Clients

TABLES TERRITORY & STATE

Territory	
<u>TERRITORYID</u>	
TERRITORYNAME	

State	
<u>STATEID</u>	
STATENAME	

TABLE COUNTRY

Country
<u>COUNTRYID</u>
COUNTRYNAME

Country
<u>COUNTRYID</u>
COUNTRYNAME
TERRITORYID

TABLE CITY

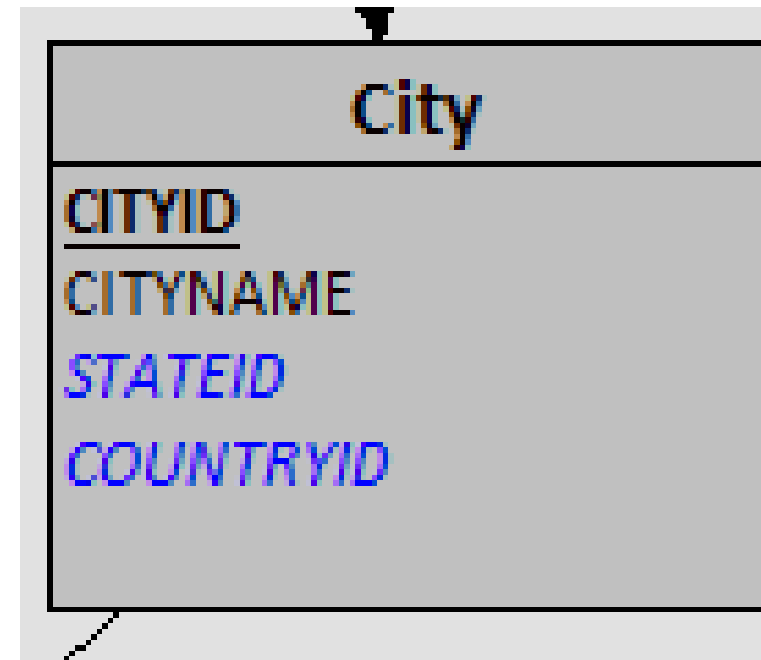
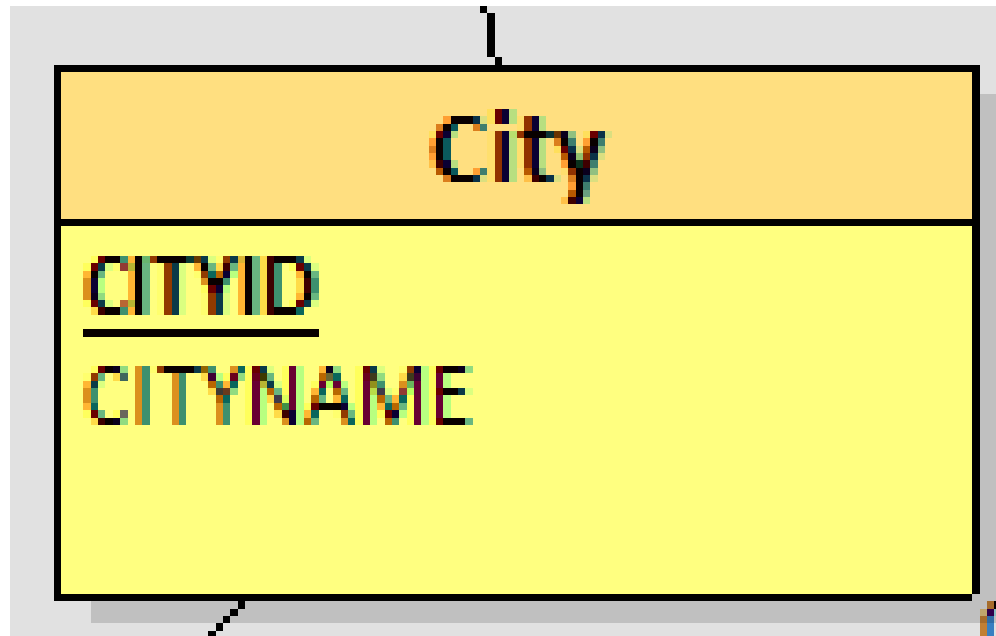


TABLE CUSTOMER

Customer
<u>CUSTOMERID</u>
CUSTOMERNAME
ADRESSLINE1
ADRESSLINE2
POSTALCODE

Customer
<u>CUSTOMERID</u>
CUSTOMERNAME
ADRESSLINE1
ADRESSLINE2
POSTALCODE
<i>CITYID</i>

TABLE CONTACT

Contact
<u>CONTACTID</u>
CONTACTLASTNAME
CONTACTFIRSTNAME
PHONE

Contact
<u>CONTACTID</u>
CONTACTLASTNAME
CONTACTFIRSTNAME
PHONE
<i>CUSTOMERID</i>

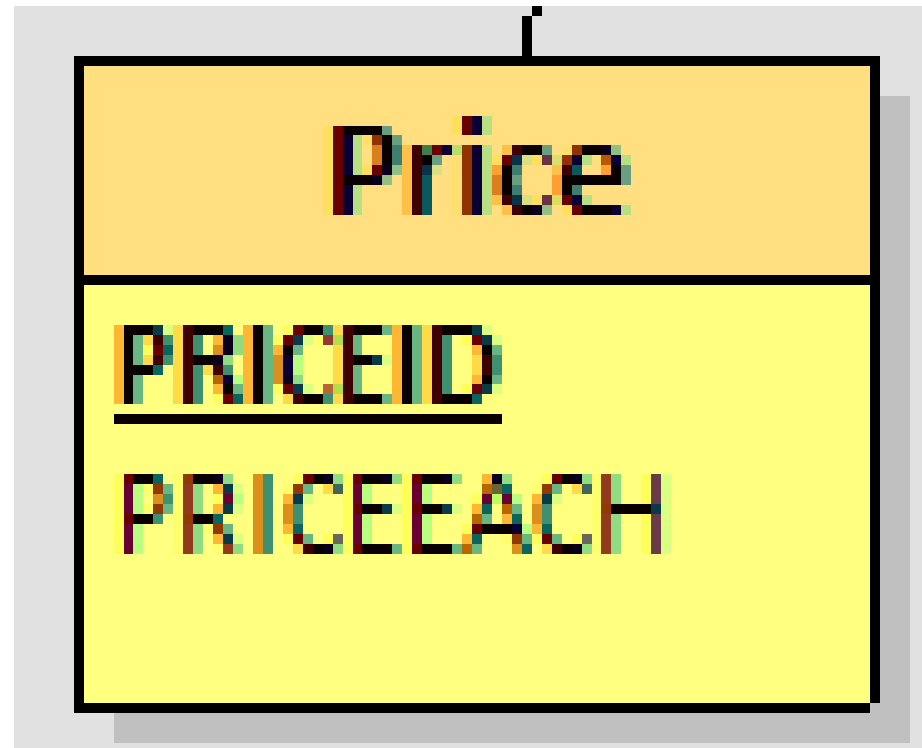
Partie Facture

TABLE STATUS & PRODUCTTYPE

Status
<u>STATUSID</u>
STATUS

ProductType
<u>ProductTypeID</u>
PRODUCTLINE

TABLE PRICE



Price	
<u>PRICEID</u>	
PRICEEACH	

TABLE PRODUCT

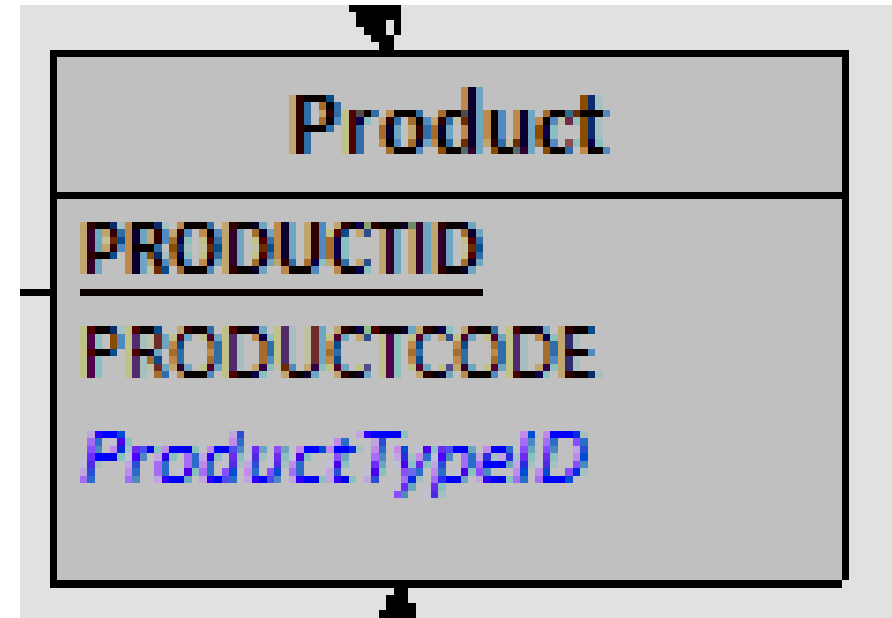
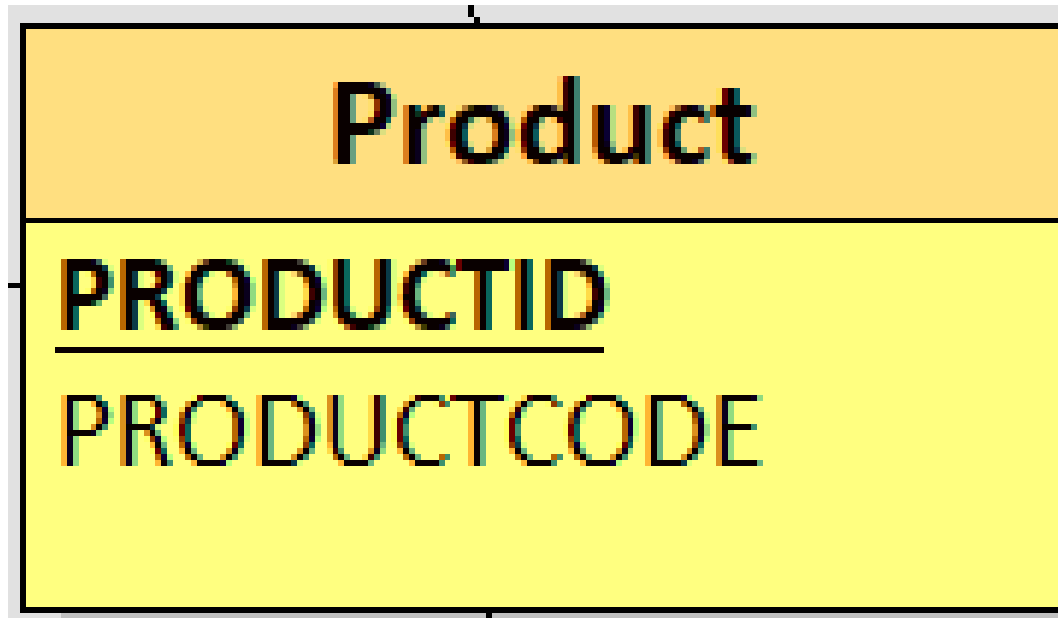


TABLE FACTURE

Facture
<u>ORDERID</u>
ORDERNUMBER
ORDERDATE

Facture
<u>ORDERID</u>
ORDERNUMBER
ORDERDATE
<i>STATUSID</i>
<i>CUSTOMERID</i>

TABLE CONCERNE & COUTE

Coute
<u>PRODUCTID</u>
<u>PRICEID</u>

Concerne
<u>PRODUCTID</u>
<u>ORDERID</u>
QUANTITY
<u>ORDERLINENUMBER</u>
SALES
DEALSIZE

Présentation des vues

VUE RECAPITULATIVE DES CLIENTS

```
CREATE OR REPLACE VIEW Customer_Info AS
(SELECT
  customerid,
  CUSTOMERNAME,
  phone,
  ADRESSLINE1,
  ADRESSLINE2,
  POSTALCODE,
  cityname,
  statename,
  countryname,
  TERRITORYNAME
FROM
  customer
  NATURAL JOIN
  city
  NATURAL JOIN
  state
  NATURAL JOIN
  country
  NATURAL JOIN
  territory
  NATURAL JOIN
  contact
ORDER BY customerid);
```

customerid	CUSTOMERNAME	phone	ADRESSLINE1	ADRESSLINE2	POSTALCODE	cityname	statename	countryname	TERRITORYNAME
1	Alpha Cognac	61.77.6555	1 rue Alsace-Lorraine	NULL	31000	Toulouse	(vide)	France	EMEA
2	Amica Models & Co.	011-4988555	Via Monte Bianco 34	NULL	10100	Torino	(vide)	Italy	EMEA
3	Anna's Decorations, Ltd	299368555	201 Miller Street	Level 15	2060	North Sydney	NSW	Australia	APAC
4	Atelier graphique	40.32.2555	54, rue Royale	NULL	44000	Nantes	(vide)	France	EMEA
5	Australian Collectables, Ltd	61-9-3844-6555	7 Allen Street	NULL	3150	Glen Waverly	Victoria	Australia	APAC
6	Australian Collectors, Co.	395204555	636 St Kilda Rd	636 St Kilda Road	3004	Melbourne	Victoria	Australia	APAC
7	Australian Gift Network, Co	61-7-3844-6555	31 Duncan St. West End	NULL	4101	South Brisbane	Queensland	Australia	APAC
8	Auto Assoc. & Cie.	30.59.8555	67, avenue de l'Europe	NULL	78000	Versailles	(vide)	France	EMEA
9	Auto Canal Petit	(1) 47.55.6555	25, rue Lauriston	NULL	75016	Paris	(vide)	France	EMEA
10	Auto-Moto Classics Inc.	6175558428	16780 Pompton St.	NULL	58339	Brickhaven	MA	USA	NA
11	AV Stores, Co.	(171) 555-1555	Fauntleroy Circus	NULL	EC2 5NT	Manchester	(vide)	UK	EMEA
12	Baane Mini Imports	07-98 9555	Erling Skakkes gate 78	NULL	4110	Stavern	(vide)	Norway	EMEA
13	Bavarian Collectables Imp...	+49 89 61 08 9...	Hansastr. 15	NULL	80686	Munich	(vide)	Germany	EMEA
14	Blauer See Auto, Co.	+49 69 66 90 2...	Lyonerstr. 34	NULL	60528	Frankfurt	(vide)	Germany	EMEA
15	Boards & Toys Co.	3105552373	4097 Douglas Av.	NULL	92561	Glendale	CA	USA	NA
16	C&F Imports	34913728555	Merchants House 27-3	NULL	28023	Madrid	(vide)	Spain	EMEA

VUE RECAPITULATIVE DES ACHATS

```
CREATE OR REPLACE VIEW Sales_Customer AS
(SELECT
    customername, SUM(sales) As Achats_totaux
FROM
    concerne
    NATURAL JOIN
    facture
    NATURAL JOIN
    customer
GROUP BY customername);
```

customername	Achats_totaux
Alpha Cognac	70488.44
Amica Models & Co.	94117.26
Anna's Decorations, Ltd	153996.13
Atelier graphique	24179.96
Australian Collectables, Ltd	52256.64
Australian Collectors, Co.	200995.41
Australian Gift Network, Co	59469.12
Auto Assoc. & Cie.	64834.32
Auto Canal Petit	93170.66
Auto-Moto Classics Inc.	26479.26
AV Stores Co	157807.81

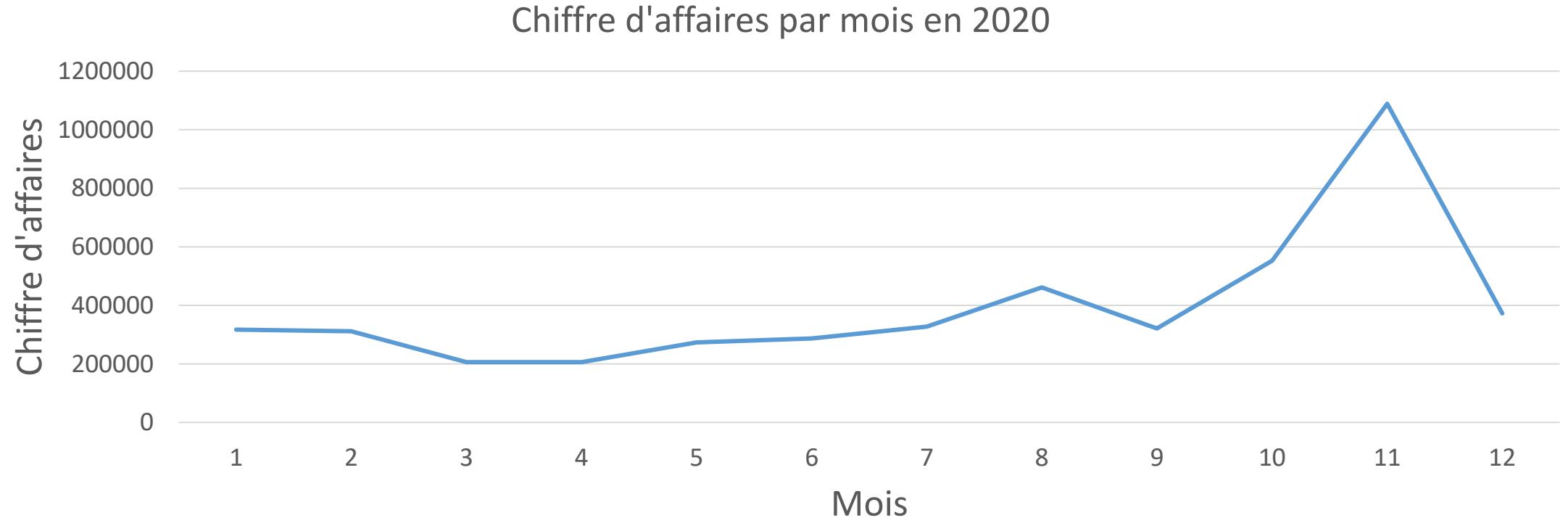
VUE RECAPITULATIVE DES FACTURES

```
CREATE OR REPLACE VIEW Order_info AS
(SELECT
 orderid,
  ordernumber,
  orderdate AS Date,
  Year(orderdate) as Year,
  Month(orderdate) as Month,
  orderlinenumber,
  productcode,
  quantity,
  sales AS Sales
FROM
  facture
    NATURAL JOIN
  concerne
    NATURAL JOIN
  product);
```

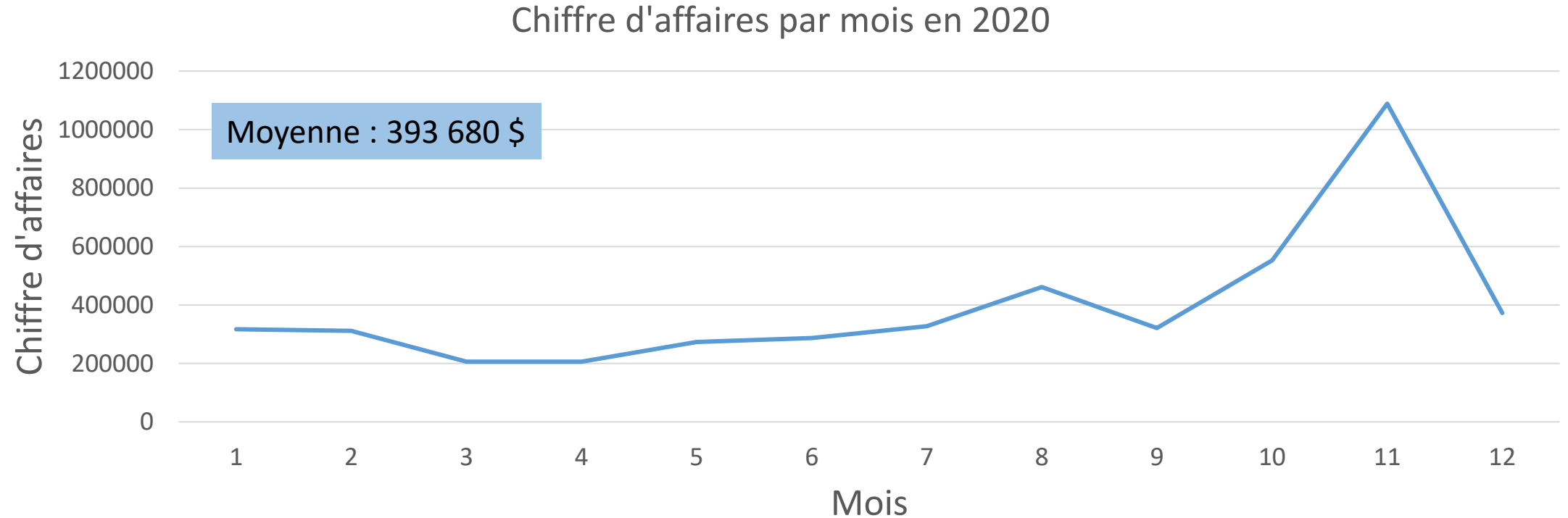
orderid	ordernumber	Date	Year	Month	orderlinenumber	productcode	quantity	Sales
1	10100	2019-01-06 00:00:00	2019	1	1	S18_1749	30	1689.03
1	10100	2019-01-06 00:00:00	2019	1	2	S18_2248	50	3390.00
1	10100	2019-01-06 00:00:00	2019	1	3	S18_4409	22	5151.00
1	10100	2019-01-06 00:00:00	2019	1	4	S24_3969	49	1903.22
2	10101	2019-01-09 00:00:00	2019	1	1	S18_2325	25	3773.38
2	10101	2019-01-09 00:00:00	2019	1	2	S18_2795	26	2472.96
2	10101	2019-01-09 00:00:00	2019	1	3	S24_1937	45	1404.00
2	10101	2019-01-09 00:00:00	2019	1	4	S24_2022	46	3782.00
3	10102	2019-01-10 00:00:00	2019	1	1	S18_1342	39	2055.74
3	10102	2019-01-10 00:00:00	2019	1	2	S18_1367	41	4808.31
4	10103	2019-01-10 00:00:00	2019	1	1	S18_1040	26	2600.78

Analyse statistique

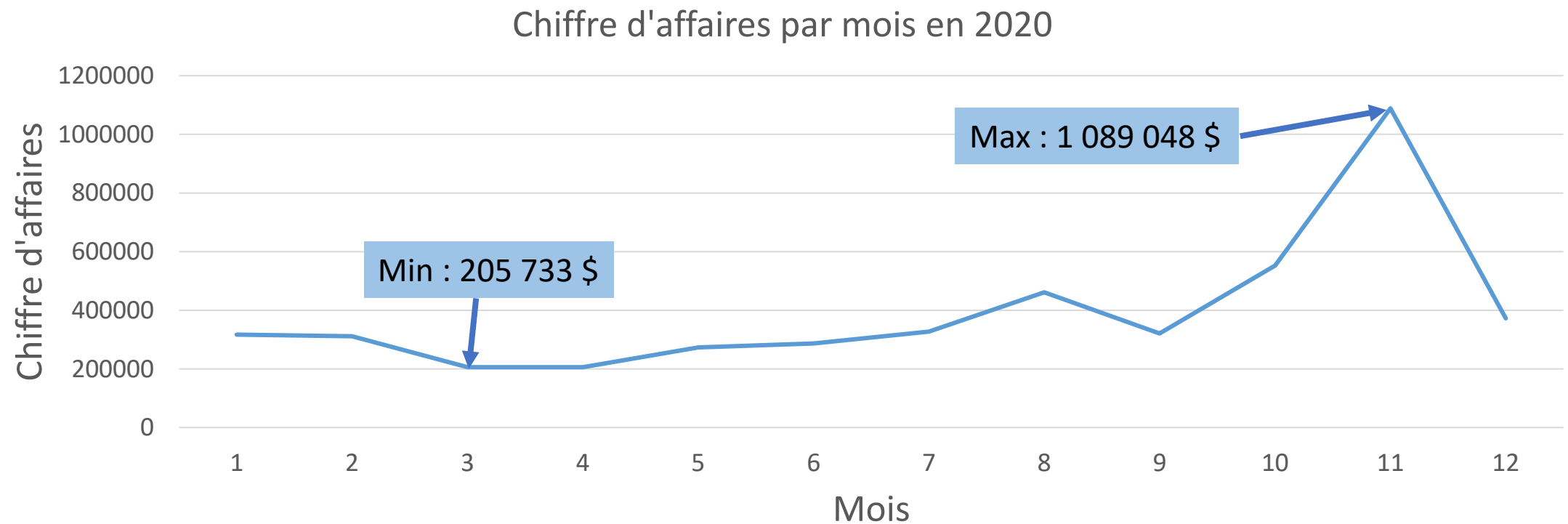
Evolution du chiffre d'affaires en 2020



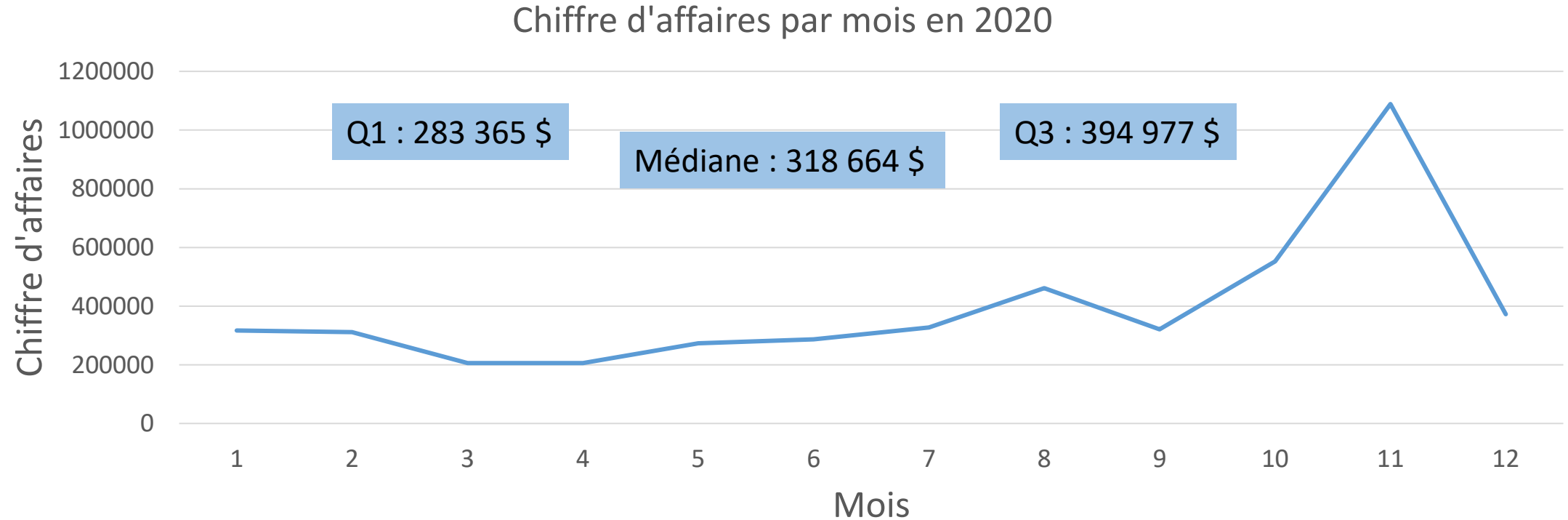
Evolution du chiffre d'affaires en 2020



Evolution du chiffre d'affaires en 2020



Evolution du chiffre d'affaires en 2020



Étude du chiffre d'affaire en 2020

Dispersion :

Ecart-type : 229 635 \$

Etendue : 883 314 \$

Coef. De variation : 58 %

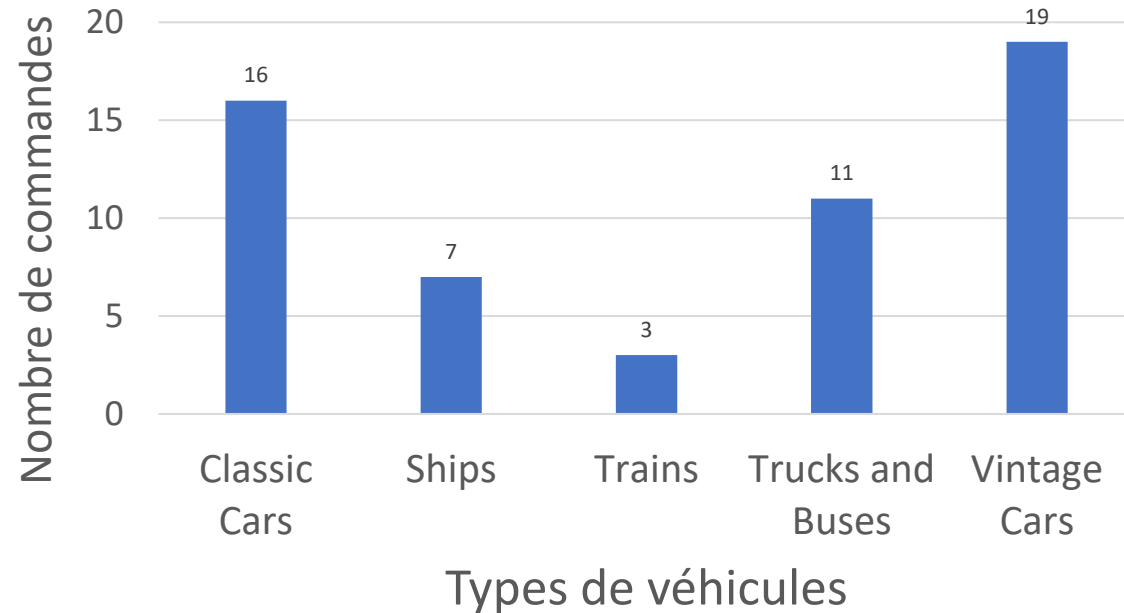
Ecart interquartile : 111 612 \$

Rappel moyenne : 393 680 \$

Analyse du minimum et du maximum local

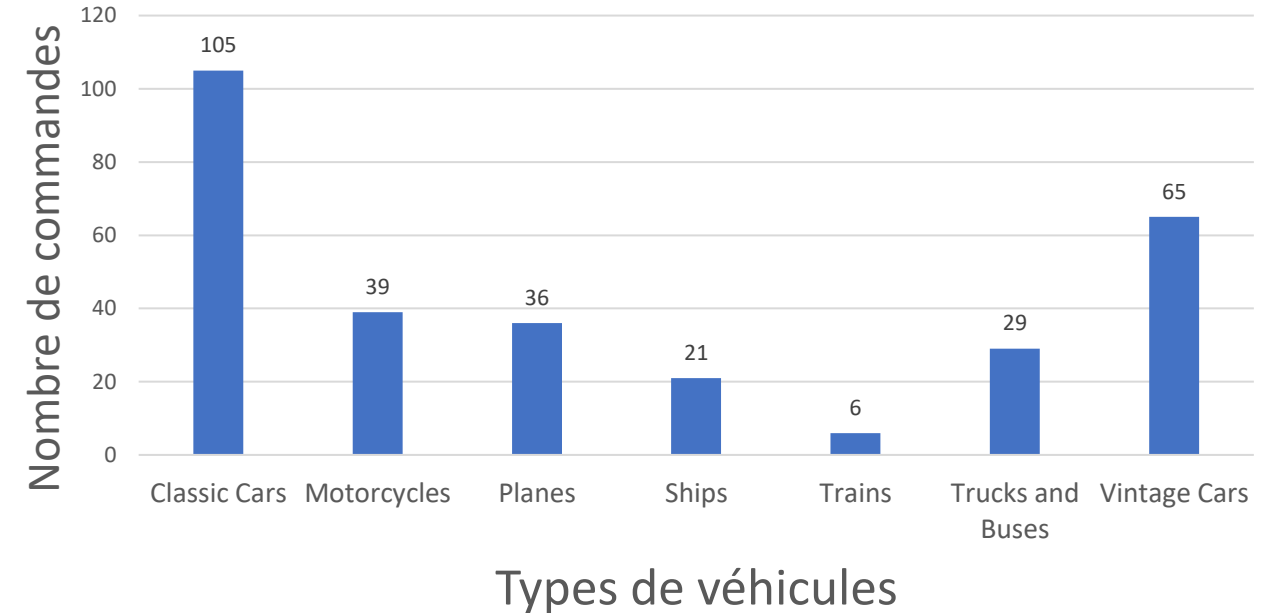
MARS 2020

Nombre de commandes par type de véhicules
en mars 2020



NOVEMBRE 2020

Nombre de commandes par type de véhicules en
novembre 2020



Représentation d'une variable qualitative

Diagramme en barres

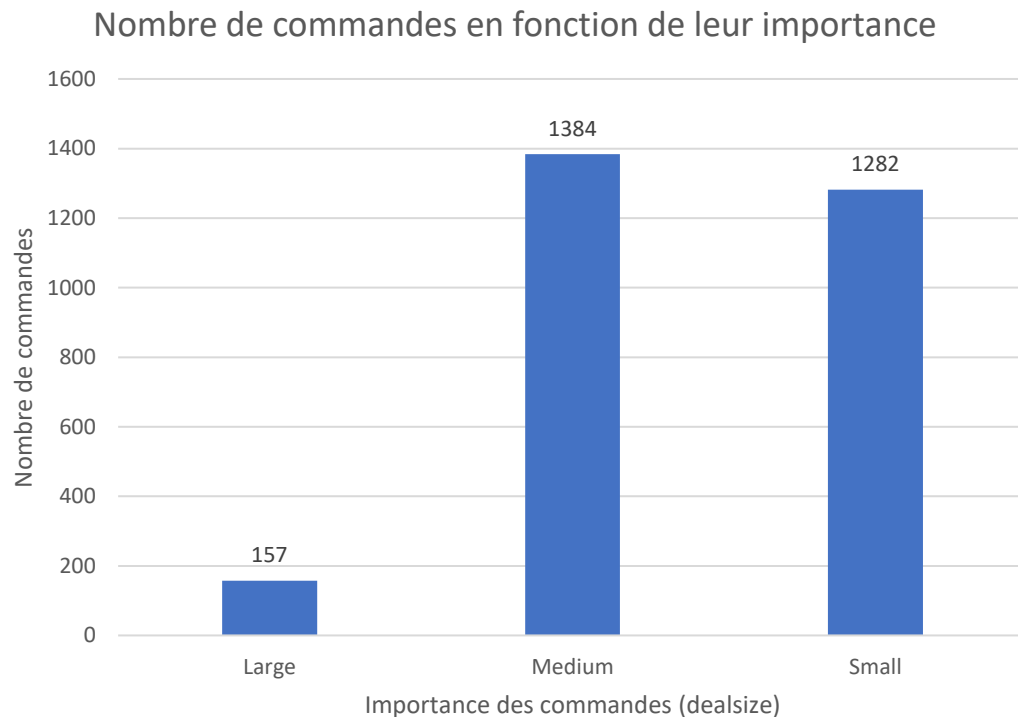
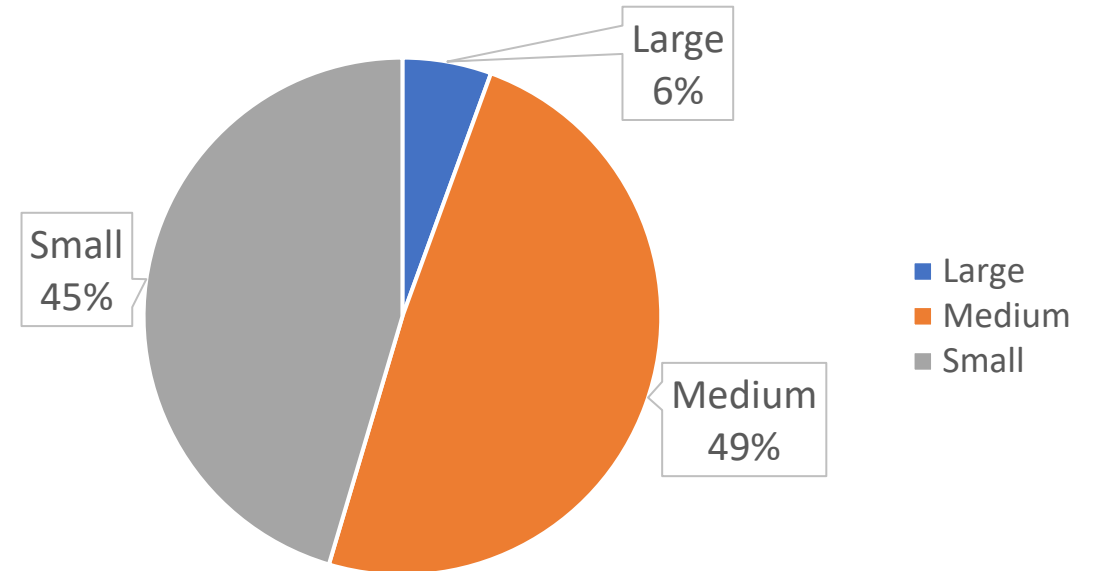


Diagramme en camembert

Proportion de l'importance des commandes de l'entreprise sur trois ans



Comparaison de deux sous-populations

Chiffre d'affaire par mois en 2020 pour deux sous-populations

■ Classic cars ■ Vintage cars

