Requêtes SQL utilisées pour les KPIs sur les données de ventes de Pizza

1. KPis
2. **Revenu total**

SELECT sum(total\_price) AS Revenu\_total FROM pizza\_sales

Revenu\_total

817860.049999993

1. **Valeur moyenne des commandes**

SELECT sum(total\_price) / count(DISTINCT order\_id) AS Val\_Moy\_Commande FROM pizza\_sales

Val\_Moy\_Commande

38.307262295081635

1. **Total de pizza vendues**

SELECT sum(quantity) AS total\_pizza FROM pizza\_sales

total\_pizza

49574

1. **Total de commandes**

SELECT count(DISTINCT order\_id) AS total\_commandes FROM pizza\_sales

total\_commandes

21350

1. **Pizza moyenne des commandes**

SELECT sum(quantity)/count(DISTINCT order\_id) AS Pizza\_Moy\_Commandes FROM pizza\_sales

Pizza\_Moy\_Commandes

2.3220

1. **Créer une nouvelle colonne contenant les éléments de la colonne order\_date qui sont en format ‘texte’ pour qu’ils soient de type ‘date’.**

SELECT \* FROM pizza\_sales;

-- Ajouter une nouvelle colonne de type DATE

ALTER TABLE pizza\_sales ADD COLUMN new\_order\_date DATE;

-- Mettre à jour le format de la date

UPDATE pizza\_sales

SET new\_order\_date = STR\_TO\_DATE(order\_date, '%d-%m-%Y')

LIMIT 35000;

-- Vérifier les valeurs mises à jour

SELECT \* FROM pizza\_sales;

-- Supprimer l'ancienne colonne

ALTER TABLE pizza\_sales DROP COLUMN order\_date;

-- Renommer la nouvelle colonne

ALTER TABLE pizza\_sales CHANGE COLUMN new\_order\_date order\_date DATE;

1. **Tendances journalières du total des commandes**

SELECT DAYNAME(new\_order\_date) AS NomJour, COUNT(DISTINCT order\_id) AS total\_Commandes

FROM ventes\_pizza.pizza\_sales

GROUP BY NomJour;

NomJour total\_Commandes

Friday 3538

Monday 2794

Saturday 3158

Sunday 2624

Thursday 3239

Tuesday 2973

Wednesday 3024

1. **Tendances horaires du total des commandes**

SELECT extract(HOUR FROM order\_time) AS HeureJour, COUNT(DISTINCT order\_id) AS total\_Commandes

FROM ventes\_pizza.pizza\_sales

GROUP BY HeureJour;

HeureJour total\_Commandes

9 1

10 8

11 1231

12 2520

13 2455

14 1472

15 1468

16 1920

17 2336

18 2399

19 2009

20 1642

21 1198

22 663

23 28

1. **-- Tendances sur les jours du mois des ventes totales**

SELECT extract(DAY FROM new\_order\_date) AS HeureJour, COUNT(DISTINCT order\_id) AS total\_Commandes

FROM ventes\_pizza.pizza\_sales

GROUP BY HeureJour;

1. **Pourcentage des ventes par catégorie de pizza**

SELECT pizza\_category, sum(total\_price)\*100/(SELECT sum(total\_price) FROM pizza\_sales) AS total\_Commandes

FROM pizza\_sales

GROUP BY pizza\_category

pizza\_category total\_Commandes

Classic 26.9059602556699

Veggie 23.682590927384783

Supreme 25.45631126009884

Chicken 23.955137556847493

1. **Total et Pourcentage des ventes par catégorie de pizza le 1er mois**

SELECT pizza\_category, sum(total\_price) AS prix\_total, sum(total\_price)\*100/(SELECT sum(total\_price) FROM pizza\_sales) AS total\_Commandes

FROM pizza\_sales

WHERE month(new\_order\_date)=1

GROUP BY pizza\_category

pizza\_category prix\_total total\_Commandes

Classic 18619.4 2.276599767894295

Veggie 17055.400000000027 2.0853690065922863

Supreme 17929.749999999996 2.1922760501628793

Chicken 16188.75 1.9794034443912671

1. **Tendances mensuelles du total des ventes**

SELECT month(new\_order\_date) AS mois, sum(total\_price) AS prix\_total, sum(total\_price)\*100/(SELECT sum(total\_price) FROM pizza\_sales) AS total\_Commandes

FROM pizza\_sales

GROUP BY mois

ORDER BY prix\_total DESC

mois prix\_total total\_Commandes

7 72557.89999999986 8.871676761812793

5 71402.74999999988 8.730436215829409

3 70397.09999999989 8.60747508085283

11 70395.3499999999 8.60726110781429

1 69793.2999999999 8.533648269040711

4 68736.79999999987 8.40446968891566

8 68278.24999999991 8.34840263930247

6 68230.19999999992 8.342527551015667

2 65159.59999999992 7.967084344075796

12 64701.149999999936 7.911029521493377

9 64180.04999999995 7.8473144641311805

10 64027.59999999992 7.828674355716539

1. **Pourcentage des ventes par taille de pizza**

SELECT pizza\_size , sum(total\_price) AS prix\_total, sum(total\_price)\*100/(SELECT sum(total\_price) FROM pizza\_sales) AS total\_Commandes

FROM pizza\_sales

GROUP BY pizza\_size

ORDER BY prix\_total DESC

pizza\_size prix\_total total\_Commandes

L 375318.7000000087 45.8903329487743

M 249382.25 30.492044451859723

S 178076.49999999843 21.773468455880682

XL 14076 1.7210768517181052

XXL 1006.6000000000005 0.12307729176892906

1. **Total des pizzas vendues par catégorie de pizza**

SELECT pizza\_category , sum(quantity) AS nombre\_pizza

FROM pizza\_sales

GROUP BY pizza\_category

ORDER BY nombre\_pizza DESC

pizza\_category nombre\_pizza

Classic 14888

Supreme 11987

Veggie 11649

Chicken 11050

1. **Top 5 des pizzas les plus vendues en fonction du nombre total de pizzas**

SELECT pizza\_name , sum(total\_price) AS prix\_total, sum(quantity) AS nombre\_pizza

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY nombre\_pizza DESC

LIMIT 5

pizza\_name prix\_total nombre\_pizza

The Classic Deluxe Pizza 38180.5 2453

The Barbecue Chicken Pizza 42768 2432

The Hawaiian Pizza 32273.25 2422

The Pepperoni Pizza 30161.75 2418

The Thai Chicken Pizza 43434.25 2371

1. **Top 5 des pizzas les moins vendues en fonction du nombre total de pizzas**

SELECT pizza\_name , sum(total\_price) AS prix\_total, sum(quantity) AS nombre\_pizza

FROM pizza\_sales

GROUP BY pizza\_name

ORDER BY nombre\_pizza ASC

pizza\_name prix\_total nombre\_pizza

The Brie Carre Pizza 11588.4999999999 490

The Mediterranean Pizza 15360.5 934

The Calabrese Pizza 15934.25 937

The Spinach Supreme Pizza 15277.75 950

The Soppressata Pizza 16425.75 961

1. **Top 5 des pizzas les moins vendues en Janvier en fonction du nombre total de pizzas**

SELECT pizza\_name , sum(total\_price) AS prix\_total, sum(quantity) AS nombre\_pizza

FROM pizza\_sales

WHERE MONTH(new\_order\_date)=1

GROUP BY pizza\_name

pizza\_name prix\_total nombre\_pizza

The Brie Carre Pizza 827.7499999999995 35

The Calabrese Pizza 1156.75 67

The Mediterranean Pizza 1147.5 68

The Green Garden Pizza 1065.5 75

The Spinach Pesto Pizza 1269.25 77