



# Wendy's Chocolate

## Outline

- 1.Count Product
- 2.Sales person with their team
- 3.Sales during quartal 1 in 2022
- 4.Team who makes sales > \$15000
- 5.Product that categories 'bars' and 'bites
- 6.List country who make a purchase in 2022

# The Database

```
1 SELECT * FROM sales;
```

sales (7,617r × 7c) products (22r × 5c)						
SPID	GeoID	PID	SaleDate	Amount	Customers	Boxes
SP01	G4	P04	2021-01-01 00:00:00	8,414	276	495
SP02	G3	P14	2021-01-01 00:00:00	532	317	54
SP12	G2	P08	2021-01-01 00:00:00	5,376	178	269
SP01	G4	P15	2021-01-01 00:00:00	259	32	22
SP19	G2	P18	2021-01-01 00:00:00	5,530	4	179
SP17	G1	P13	2021-01-01 00:00:00	2,184	63	122
SP20	G6	P04	2021-01-01 00:00:00	1,057	295	71
SP14	G5	P16	2021-01-01 00:00:00	1,036	370	37
SP10	G5	P17	2021-01-01 00:00:00	4,039	536	176
SP06	G4	P01	2021-01-01 00:00:00	12,894	115	478
SP18	G2	P01	2021-01-01 00:00:00	4,669	121	180
SP04	G4	P16	2021-01-01 00:00:00	6,377	184	246
SP22	G3	P05	2021-01-01 00:00:00	1,500	105	255

```
6 SELECT * FROM geo;
```

sales (7,617r × 7c) products (22r × 5c)		
GeoID	Geo	Region
G1	India	APAC
G2	USA	Americas
G3	Canada	Americas
G4	New Zealand	APAC
G5	Australia	APAC
G6	UK	Europe

```
2 SELECT * FROM products;
```

sales (7,617r × 7c) products (22r × 5c)				
PID	Product	Category	Size	Cost_per_box
P01	Milk Bars	Bars	LARGE	1.52
P02	50% Dark Bites	Bites	LARGE	2.57
P03	Almond Choco	Bars	LARGE	9.6
P04	Raspberry Choco	Bars	LARGE	4.09
P05	Mint Chip Choco	Bars	LARGE	1.54
P06	Eclairs	Bites	LARGE	2.24
P07	Drinking Coco	Other	LARGE	1.62
P08	99% Dark & Pure	Bars	LARGE	2.47
P09	Orange Choco	Bars	LARGE	7.14
P10	Spicy Special Slims	Bites	LARGE	5.79
P11	After Nines	Bites	LARGE	4.43
P12	Fruit & Nut Bars	Bars	LARGE	1.58
P13	50% Dark Bites	Bites	LARGE	2.57

```
4 SELECT * FROM people;
```

sales (7,617r × 7c) products (22r × 5c) people (33r × 4c)			
Salesperson	SPID	Team	Location
Barr Faughny	SP01	Yummies	Hyderabad
Dennison Crosswaite	SP02	Yummies	Hyderabad
Gunar Cockshoot	SP03	Yummies	Hyderabad
Wilone O'Kielt	SP04	Delish	Hyderabad
Gigi Bohling	SP05	Delish	Hyderabad
Curtice Advani	SP06	Delish	Hyderabad
Kaine Padly	SP07	Delish	Hyderabad
Ches Bonnell	SP08		Hyderabad
Andria Kimpton	SP09	Jucies	Hyderabad
Brien Boise	SP10	Jucies	Wellington
Husein Augar	SP11	Yummies	Wellington
Karlen McCaffrey	SP12	Yummies	Wellington
Benjamin Galt	SP13	Delish	Wellington

The Databases has four table, geo, people, products, and sales.

## Count Product

SQL File 4\*

```

1 select * from sales;
2 select * from products;
3
4 select pr.product, s.amount
5 from sales s
6 join products pr on s.pid=pr.pid
7 order by Amount desc
  
```

Result Grid | Filter Rows: | Export

product	amount
Almond Choco	27146
Spicy Special Slims	25207
Peanut Butter Cubes	24633
After Nines	24451
Organic Choco Syrup	24367
Milk Bars	23912
99% Dark & Pure	23268
Smooth Silky Salty	23184
Milk Bars	22897
Almond Choco	22715
50% Dark Bites	22652

a few sales person  
with the teams

```

1 select * from people;
2
3 select salesperson, team
4 from people;
5
6
  
```

Result Grid | Filter Rows: | Export

salesperson	team
Barr Faughny	Yummies
Dennison Crosswaite	Yummies
Gunar Cockshoot	Yummies
Wilone O'Kielt	Delish
Gigi Bohling	Delish
Curtice Advani	Delish
Kaine Padly	Delish
Ches Bonnell	

## Sales during q1 in 2022

```

select saledate, amount, boxes
from sales
where amount > 15000 and year(saledate)=2022
order by saledate desc;
  
```

Result Grid | Filter Rows: | Export

saledate	amount	boxes
2022-03-29 00:00:00	15932	2656
2022-03-28 00:00:00	15071	887
2022-03-28 00:00:00	17556	1171
2022-03-28 00:00:00	20146	960
2022-03-25 00:00:00	15778	1435
2022-03-22 00:00:00	20041	872
2022-03-22 00:00:00	17710	886
2022-03-21 00:00:00	17136	714
2022-03-16 00:00:00	15029	3006
2022-03-15 00:00:00	23184	1221
2022-03-11 00:00:00	16100	895
2022-03-11 00:00:00	16576	1036
2022-03-03 00:00:00	15295	2185
2022-03-02 00:00:00	15414	964
2022-03-01 00:00:00	22603	1220

saledate	amount	boxes
2022-02-25 00:00:00	22155	1055
2022-02-25 00:00:00	22897	1347
2022-02-22 00:00:00	17227	1077
2022-02-22 00:00:00	17661	2208
2022-02-22 00:00:00	16023	802
2022-02-16 00:00:00	23912	1993
2022-02-15 00:00:00	15092	755
2022-02-14 00:00:00	15092	2156
2022-02-07 00:00:00	17948	1496
2022-02-03 00:00:00	18116	1133
2022-02-03 00:00:00	15435	702
2022-01-31 00:00:00	16996	895
2022-01-28 00:00:00	16800	800
2022-01-27 00:00:00	16842	887
2022-01-26 00:00:00	17458	1343

saledate	amount	boxes
2022-01-12 00:00:00	15582	866
2022-01-11 00:00:00	17773	988
2022-01-11 00:00:00	18788	1342
2022-01-11 00:00:00	17115	815
2022-01-11 00:00:00	16856	888
2022-01-10 00:00:00	18697	891
2022-01-10 00:00:00	16121	896
2022-01-07 00:00:00	18130	1008
2022-01-07 00:00:00	18011	858
2022-01-07 00:00:00	18543	976
2022-01-07 00:00:00	16513	751
2022-01-05 00:00:00	15988	640
2022-01-04 00:00:00	15372	3075
2022-01-03 00:00:00	15204	1383

saledate	amount	boxes
2022-01-21 00:00:00	20720	1091
2022-01-21 00:00:00	16072	1005
2022-01-21 00:00:00	17892	1193
2022-01-21 00:00:00	16121	621
2022-01-20 00:00:00	21140	1510
2022-01-18 00:00:00	18788	854
2022-01-18 00:00:00	15253	954
2022-01-17 00:00:00	20741	1596
2022-01-13 00:00:00	16254	602
2022-01-13 00:00:00	21490	1132
2022-01-12 00:00:00	15169	1167
2022-01-12 00:00:00	16107	1343
2022-01-12 00:00:00	15302	1392
2022-01-12 00:00:00	15582	866
2022-01-11 00:00:00	17773	988

Team who makes  
sales > \$15000

```

1 • select s.amount, pep.team
2   from sales s
3  join people pep on s.spid=pep.spid
4  where s.amount > 15000;
5
6

```

amount	team
18900	Yummies
17577	Yummies
19054	Yummies
23268	
15239	Yummies
19173	
17969	Jucies
20447	Yummies
20076	Delish
17675	Delish
16359	Delish
18963	Jucies
18473	Yummies
18354	Jucies
18039	

Product that categories  
'bars' and 'bites'

```

2 • select * from products;
3
4 • select product, category
5   from products
6  where category in('bars', 'bites');

```

product	category
Milk Bars	Bars
50% Dark Bites	Bites
Almond Choco	Bars
Raspberry Choco	Bars
Mint Chip Choco	Bars
Eclairs	Bites
99% Dark & Pure	Bars
Orange Choco	Bars
Spicy Special Slims	Bites
After Nines	Bites
Fruit & Nut Bars	Bars
85% Dark Bars	Bars
Baker's Choco Chips	Bars
Caramel Stuffed ...	Bars
70% Dark Bites	Bites

List country who make a  
purchase in 2022

```

3 • select s.saledate, s.amount, pr.product, geo.Geo
4   from sales s
5  join products pr on s.pid=pr.pid
6  join geo geo on s.geoid=geo.geoid
7  where year(s.saledate)=2022
8  order by amount desc;

```

saledate	amount	product	Geo
2022-02-16 00:00:00	23912	Milk Bars	New Zealand
2022-03-15 00:00:00	23184	Smooth Sliky Salty	New Zealand
2022-02-25 00:00:00	22897	Milk Bars	India
2022-03-01 00:00:00	22603	85% Dark Bars	USA
2022-02-25 00:00:00	22155	Spicy Special Slims	New Zealand
2022-01-13 00:00:00	21490	Raspberry Choco	UK
2022-01-20 00:00:00	21140	Choco Coated Almonds	Australia
2022-01-17 00:00:00	20741	Organic Choco Syrup	India
2022-01-21 00:00:00	20720	Raspberry Choco	New Zealand
2022-03-28 00:00:00	20146	After Nines	New Zealand
2022-03-22 00:00:00	20041	White Choc	India
2022-01-11 00:00:00	18788	Smooth Sliky Salty	USA
2022-01-18 00:00:00	18788	70% Dark Bites	Australia
2022-01-10 00:00:00	18697	Baker's Choco Chips	USA