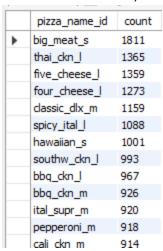## Results

- SELECT * FROM pizza_sales;

pizza_id	order_id	pizza_name_id	quantity	order_date	order_time	unit_price	total_price	pizza_size	pizza_category	pizza_ingredients	pizza_name
1	1	hawaiian_m	1	1/1/2015	11:38:36	13.25	13.25	M	Classic	Sliced Ham, Pineapple, Mozzarella Cheese	The Hawaiian Pizza
2	2	classic_dlx_m	1	1/1/2015	11:57:40	16	16	M	Classic	Pepperoni, Mushrooms, Red Onions, Red Peppers, Bacon	The Classic Deluxe Pizza
3	2	five_cheese_l	1	1/1/2015	11:57:40	18.5	18.5	L	Veggie	Mozzarella Cheese, Provolone Cheese, Smoked Gouda Cheese, Romano Cheese, Blue Cheese, Garlic	The Five Cheese Pizza
4	2	ital_supr_l	1	1/1/2015	11:57:40	20.75	20.75	L	Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Garlic	The Italian Supreme Pizza
5	2	mexicana_m	1	1/1/2015	11:57:40	16	16	M	Veggie	Tomatoes, Red Peppers, Jalapeno Peppers, Red Onions, Cilantro, Corn, Chipotle Sauce, Garlic	The Mexicana Pizza
6	2	thai_ckn_l	1	1/1/2015	11:57:40	20.75	20.75	L	Chicken	Chicken, Pineapple, Tomatoes, Red Peppers, Thai Sweet Chilli Sauce	The Thai Chicken Pizza
7	3	ital_supr_m	1	1/1/2015	12:12:28	16.5	16.5	M	Supreme	Calabrese Salami, Capocollo, Tomatoes, Red Onions, Green Olives, Garlic	The Italian Supreme Pizza
8	3	prsc_argla_l	1	1/1/2015	12:12:28	20.75	20.75	L	Supreme	Prosciutto di San Daniele, Arugula, Mozzarella	The Prosciutto and Arugula Pizza

- ## Number of orders for each pizza

  SELECT pizza_name_id , count(pizza_name_id) AS count
  FROM pizza_sales
  GROUP BY pizza_name_id
  ORDER BY count DESC;

pizza_name_id	count
big_meat_s	1811
thai_ckn_l	1365
five_cheese_l	1359
four_cheese_l	1273
classic_dlx_m	1159
spicy_ital_l	1088
hawaiian_s	1001
southw_ckn_l	993
bbq_ckn_l	967
bbq_ckn_m	926
ital_supr_m	920
pepperoni_m	918
cali_ckn_m	914

- ## Number of quantity of each pizza of TOP 10

  SELECT pizza_name_id , SUM(quantity) AS Quantity
  FROM pizza_sales
  GROUP BY pizza_name_id
  ORDER BY Quantity DESC
  LIMIT 10;

pizza_name_id	Quantity
big_meat_s	1914
thai_ckn_l	1410
five_cheese_l	1409
four_cheese_l	1316
classic_dlx_m	1181
spicy_ital_l	1109
hawaiian_s	1020
southw_ckn_l	1016
bbq_ckn_l	992
bbq_ckn_m	956

- ## Total price for each pizza

  SELECT pizza_name_id , SUM(total_price) AS Total_price
  FROM pizza_sales
  GROUP BY pizza_name_id
  ORDER BY Total_price DESC;

pizza_name_id	Total_price
thai_ckn_l	29257.5
five_cheese_l	26066.5
four_cheese_l	23622.200000000554
spicy_ital_l	23011.75
big_meat_s	22968
southw_ckn_l	21082
bbq_ckn_l	20584
cali_ckn_l	19235.25
classic_dlx_m	18896
mexicana_l	17556.75
bbq_ckn_m	16013
cali_ckn_m	15812
ital_supr_m	15526.5

- ## Sold quantity of pizzas by sizes

  SELECT pizza_size, SUM(quantity) AS Quantity
  FROM pizza_sales
  GROUP BY pizza_size
  ORDER BY Quantity DESC;

pizza_size	Quantity
L	18956
M	15635
S	14403
XL	552
XXL	28

- ## Amount earned according to pizza_size

  SELECT pizza_size, SUM(total_price) AS Price
  FROM pizza_sales
  GROUP BY pizza_size
  ORDER BY Price DESC;

pizza_size	Price
L	375318.7000000087
M	249382.25
S	178076.49999999843
XL	14076
XXL	1006.6000000000005

- ## Price of each category

  SELECT pizza_category, SUM(total_price) AS Price
  FROM pizza_sales
  GROUP BY pizza_category
  ORDER BY Price DESC;

	pizza_category	Price
▶	Classic	220053.1000000001
	Supreme	208196.99999999822
	Chicken	195919.5
	Veggie	193690.45000000298

- ## Number of orders for each category

  SELECT pizza_category, COUNT(DISTINCT order_id) AS orders
  FROM pizza_sales
  GROUP BY pizza_category
  ORDER BY orders DESC;

	pizza_category	orders
▶	Classic	10859
	Supreme	9085
	Veggie	8941
	Chicken	8536

- ## Total Price sold within 2015/01/01

  SELECT order_date,SUM(total_price)
  FROM pizza_sales
  WHERE STR_TO_DATE(order_date, '%m/%d/%Y') = '2015-01-01';

	order_date	SUM(total_price)
▶	1/1/2015	2713.8500000000004

- ## Price of products sold by date

  SELECT
   STR_TO_DATE(order_date, '%m/%d/%Y') AS order_day,
   SUM(total_price) AS daily_total
  FROM
   pizza_sales
  GROUP BY
   order_day
  ORDER BY
   order_day;

order_day	daily_total
NULL	488530.2500000085
2015-01-01	2713.8500000000004
2015-01-02	3189.1999999999994
2015-01-03	1598.5500000000002
2015-01-04	2176.8500000000004
2015-01-05	2571.9500000000003
2015-01-06	3067.75
2015-01-07	2231.5
2015-01-08	2440.55
2015-01-09	2352.8500000000004
2015-01-10	3202.149999999999
2015-01-11	1986.65
2015-01-12	2076.7

- ## Price of Product sold by month

SELECT
 DATE_FORMAT(STR_TO_DATE(order_date, '%m/%d/%Y'), '%Y-%m') AS order_month,
 SUM(total_price) AS monthly_total
FROM
 pizza_sales
GROUP BY
 order_month
ORDER BY
 order_month;

order_month	monthly_total
NULL	488530.2500000085
2015-01	29608.550000000025
2015-02	27495.400000000038
2015-03	27993.150000000023
2015-04	29675.650000000038
2015-05	23988.400000000023
2015-06	28097.450000000033
2015-07	27636.400000000023
2015-08	27976.90000000002
2015-09	27963.900000000027
2015-10	26967.950000000026
2015-11	27756.200000000033
2015-12	24169.850000000013

- ## Quantity of Product sold by month

SELECT
 DATE_FORMAT(STR_TO_DATE(order_date, '%m/%d/%Y'), '%Y-%m') AS order_month,
 SUM(quantity) AS monthly_quantity
FROM

pizza_sales
GROUP BY
 order_month
ORDER BY
 order_month;

order_month	monthly_quantity
NULL	29604
2015-01	2015-01
2015-02	1656
2015-03	1701
2015-04	1803
2015-05	1446
2015-06	1709
2015-07	1686
2015-08	1683
2015-09	1690
2015-10	1627
2015-11	1689
2015-12	1469

- ## Pizza count sold by month

SELECT
 DATE_FORMAT(STR_TO_DATE(order_date, '%m/%d/%Y'), '%Y-%m') AS order_month,
 COUNT(DISTINCT pizza_id) AS monthly_product_count
FROM
 pizza_sales
GROUP BY
 order_month
ORDER BY
 order_month;

order_month	monthly_product_count
NULL	29033
2015-01	1782
2015-02	1624
2015-03	1660
2015-04	1773
2015-05	1427
2015-06	1673
2015-07	1647
2015-08	1646
2015-09	1656
2015-10	1601
2015-11	1655
2015-12	1443