





# Agenda

- 1. Introduction
- 2. Questionaries
- 3. Query
- 4. Result Grid
- 5. Summary

Presentation title

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### Introduction

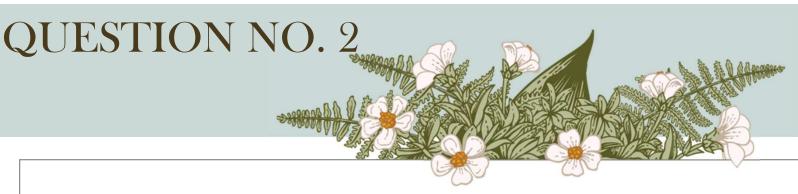
WALMART engages in retail and wholesale business. The company offers an assortment of merchandise and services at everyday low prices



#### UPDATE TIME INTO MORNING AND AFTERNOON



	UNIT_PRICE	QUANTITY	INFORMATION	TAX_5_PERNT	TOTAL	DATE	WEEVDAY	MONTHWME	DAYNAME	TIME	TIME_TYPE	PAYMENT	COGS	GROSS_MARGIN	GROSS_INCOME	RATING
	74.69	7	0000	26.1415	548.9715	2019-01-05	5	January	Saturday	13:08:00	AFTERNOON	Evalet	522.8300	4.7619047620	25.1415000000	9.10
-	15.28	5	840	3.8200	80.2200	2019-03-08	4	March	Friday	10:29:00	MORNONG	Cash	76.4000	4.7619047620	3.820000000	9.60
	46.33	7	0000	16.2155	340.5255	2019-03-03	6	March	Sunday	13:23:00	AFTERNOON	Credit card	324.3100	4.7619047620	16.2155000000	7.40
	58.22	8	G000	23.2880	489.0480	2019-01-27	6	lanuary	Sunday	20:33:00	AFTERNOON	Evalet	465.7600	4.7619047620	23.2880000000	8.40
	86.31	7	G000	30.2085	634.3785	2019-02-08	4	February	Friday	10:37:00	MORNOVG	Evalet	604.1700	4.7619047620	30.2085000000	5.30
5	85.39	7	G000	29.8865	627.6165	2019-03-25	0	March	Monday	18:30:00	AFTENCON	Evalet	597.7300	4.7619047620	29.8865000000	4.10
3	68.84	6	0000	20.6520	433,6920	2019-02-25	0	February	Monday	14:35:00	AFTERNOON	Evalet	413.0400	4.7619047620	20.6520000000	5.80
	73.56	10	6000	36.7800	772.3800	2019-02-24	6	February	Sunday	11:38:00	MORNONG	Evalet	735.6000	4.7619047620	36.7800000000	8.00
	36.26	2	BAO	3.6260	76.1460	2019-01-10	3	lanuary	Thursday	17:15:00	AFTERNOON	Credit card	72,5200	4.7619047620	3.6260000000	7.20
	54.84	3	BAO	8.2260	172,7460	2019-02-20	2	February	Viednesday	13:27:00	AFTERNOON	Credit card	164,5200	4.7619047620	8.226000000	5.90



#### HOW MANY UNIQUE CITIES DOES THE DATA HAVE?



SELECT COUNT(DISTINCT(CITY)) FROM WALMART;



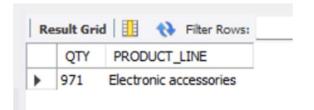






SELECT PRODUCT\_LINE, MAX(QUANTITY) AS MOST\_SELLING\_PRODUCT\_LINE FROM WALMART GROUP BY PRODUCT\_LINE ORDER BY MOST\_SELLING\_PRODUCT\_LINE DESC LIMIT 1;









#### WHICH MONTH HAD THE LARGEST COGS?



SELECT 'MONTHNAME', MAX(COGS) AS LARGEST\_COGS FROM WALMART GROUP BY 'MONTHNAME' ORDER BY LARGEST\_COGS DESC LIMIT 1;









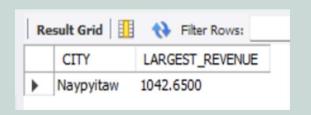


#### WHICH IS THE CITY WITH THE LARGEST REVENUE?

SELECT CITY, MAX(TOTAL) AS LARGEST\_REVENUE FROM WALMART GROUP BY CITY ORDER BY LARGEST\_REVENUE DESC LIMIT 1;









Fetch each product line and add a column to those product line showing "Good", "Bad". Good if its greater than average sales

```
ALTER TABLE WALMART

ADD COLUMN INFORMATION VARCHAR(30) NOT NULL AFTER QUANTITY;

SELECT INVOICE_ID, CUSTOMER, GENDER, CITY, PRODUCT_LINE, QUANTITY, IF(QUANTITY) FROM WALMART), 'GOOD', 'BAD') AS ANALYSIS

FROM WALMART GROUP BY INVOICE_ID, CUSTOMER, GENDER, CITY, PRODUCT_LINE, QUANTITY;

UPDATE WALMART

SET INFORMATION = IF(QUANTITY > ('5.510'), 'GOOD', 'BAD');
```







Which branch sold more products than average product sold?



SELECT BRANCH, SUM(QUANTITY) AS QTY FROM WALMART GROUP BY BRANCH HAVING SUM(QUANTITY) > (SELECT AVG(QUANTITY) FROM WALMART);



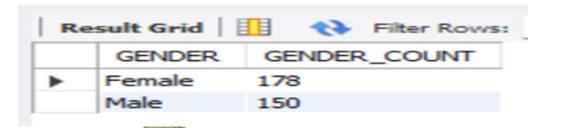




#### What is the gender distribution per branch?

SELECT GENDER, COUNT(\*) as GENDER COUNT FROM WALMART WHERE BRANCH = "C" GROUP BY GENDER ORDER BY GENDER COUNT DESC;







Which time of the day do customers give most ratings per branch?

SELECT TIME, BRANCH, MAX(RATING) AS MOST\_RATING FROM WALMART GROUP BY TIME, BRANCH ORDER BY MOST\_RATING;







Number of sales made in each time of the day per weekday

```
ALTER TABLE WALMART

ADD COLUMN 'WEEKDAY' VARCHAR(30) NOT NULL AFTER DATE;

UPDATE WALMART

SET 'WEEKDAY' = weekday('DATE');

SELECT * FROM WALMART;

SELECT 'WEEKDAY', 'TIME', TOTAL AS SALES FROM WALMART WHERE 'WEEKDAY' <= 5;
```









# Summary

WALMART is the World's Largest Company By Revenue





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