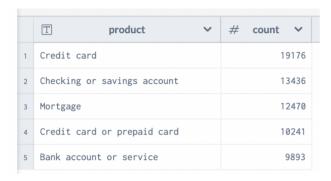
Q1. Which Product has the most of the complaints? State top five with Count

```
SELECT product, count(complaint_id)
FROM financial_consumer_complaints
GROUP BY product
HAVING count(complaint_id) > 8000
ORDER BY COUNT(complaint_id) DESC;
```



Q2. What kind of Issues Distinct Issues are present in Mortgage Product?

SELECT DISTINCT issue FROM financial_consumer_complaints WHERE product = 'Mortgage';



Q3. Which State has the most complaints for Credit Card? And how many were timely closed?

```
SELECT state, COUNT(complaint_id) as no_complaints,
SUM(CASE
    WHEN timely_response = 'Yes' THEN 1
    ELSE 0
    END) as no_timely_responded_complaints
FROM financial_consumer_complaints
WHERE LOWER(product) = 'credit card'
GROUP BY state
HAVING no_complaints > 2000
ORDER BY COUNT(complaint_id) DESC;
```



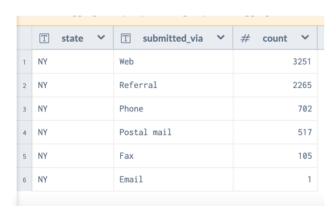
Q4. Summarize # of complaints received from sources (web, post) from state of New York NY only?

```
SELECT financial_consumer_complaints.state, submitted_via, <a href="COUNT">COUNT</a>(complaint_id)
From financial_consumer_complaints

WHERE LOWER(financial_consumer_complaints.state) LIKE "%ny%"

GROUP BY submitted_via

ORDER BY COUNT(complaint_id) desc;
```



Q5. What is the popular company response to complaints by number of complaints?

```
SELECT company_response_to_consumer, COUNT(complaint_id)
FROM financial_consumer_complaints
GROUP BY company_response_to_consumer
ORDER BY COUNT(complaint_id) DESC;
```

	□ company_response_to_consumer ✓	# count V
1	Closed with explanation	54666
2	Closed with monetary relief	11693
3	Closed with non-monetary relief	5912
4	Closed without relief	1779
5	Closed with relief	938
6	In progress	283
7	Closed	241
8	Untimely response	1

Q6. How many complaints were timely resolved and provide breakup by both timely resolve & consumer dispute status?

```
SELECT timely_response, consumer_disputed, <a href="COUNT">COUNT</a>(complaint_id)

FROM financial_consumer_complaints

GROUP BY timely_response, consumer_disputed

ORDER BY <a href="COUNT">COUNT</a>(complaint_id) <a href="DESC">DESC</a>;
```

		□ consumer_disputed ✓	# count Y
1	Yes	N/A	36312
2	Yes	No	30473
3	Yes	Yes	7259
4	No	No	730
5	No	N/A	635
6	No	Yes	104

Q7. Which is the most popular year for complaints related to "Vehicle loan or lease"?

```
SELECT product, <a href="YEAR">YEAR</a> (date_sumbited), <a href="COUNT">COUNT</a> (complaint_id)

FROM financial_consumer_complaints

WHERE <a href="LOWER">LOWER</a> (product) like '%Vehicle loan or lease%'

GROUP BY <a href="YEAR">YEAR</a> (date_sumbited)

ORDER BY <a href="COUNT">COUNT</a> (complaint_id) DESC;
```

	T product	~	#	year	~	#	count	~
1	Vehicle loan or lease			;	2018			351
2	Vehicle loan or lease				2019			266
3	Vehicle loan or lease			,	2020			245
4	Vehicle loan or lease				2017			208

2018 most popular

Q8. What is the average gap in number of days between complaints submitted and complaint received for the post mail?

```
SELECT submitted_via, AVG(DATE_DIFF(date_sumbited, date_received, "day"))
FROM financial_consumer_complaints
WHERE lower(submitted_via) LIKE "%post%";
```

	☐ submitted_via	~	#	avg	~
1	Postal mail			3.	0105

Q9. Which complaints have not been resolved till date. What is the minimum and maximum no. of days passed from submission date?

```
SELECT company_response_to_consumer,
MIN(DATE_DIFF(date_sumbited, date_received, "day")),
MAX(DATE_DIFF(date_sumbited, date_received, "day"))
FROM financial_consumer_complaints
WHERE LOWER(company_response_to_consumer) LIKE '%in progress%';
Tompany_response_to_consumer  # min  # max  # max  # min  # max  # max  # min  # max  # max  # min  # min  # max  # min  # max  # min  # min  # max  # min  # min  # min  # max  # min  # min
```