- Top 5 blocks where more crimes were committed

```
SELECT "crime"."fact"."location_id", "crime"."location"."block", "crime".

"location"."location_description", "crime".

"location"."latitude", "crime"."location"."longitude", "crime"."location"."city",

count("crime"."fact"."crime_id") as crime_count

FROM "crime"."fact", "crime"."location"

WHERE "crime"."fact"."location_id" ="crime". "location"."location_id"

GROUP BY "crime". "fact". "location_id", "crime". "location". "block",

"crime"."location"."city", "crime". "location". "location_description", "crime".

"location". "latitude", "crime". "location"."longitude"
```

ORDER BY crime_count desc limit 5;

3 Choose the top 5 blocks which has more crimes committed 4 SELECT "crime"."fact"."location_id", "crime"."location"."block", "crime"."location"."location_description", "crime"."location"."latitude", "crime"."location"."location"."crime"."location"."crime"."fact"."crime"."location". 5 FROM "crime"."fact", "crime" "location" 6 WHERE "crime"."fact"."location_id"="crime"."location"."block", "crime"."location"."city", "crime"."location"."location_id", "crime"."location"."latitude", "crime"."location"."longitude" 8 ORDER BY crime_count desc 9 limit 5; 10 11								
Result 1 (5) Chart								
☐ location_id	block	location_description	latitude	longitude	city	crime_count		
□ 817035	W OHARE ST	AIRPORT/AIRCRAFT	41	-87	Chicago	10593		
□ 706389	N STATE ST	DEPARTMENT STORE	41	-87	Chicago	7045		
□ 708005	S CICERO AVE	DEPARTMENT STORE	41	-87	Chicago	5136		
□ 706393	N MICHIGAN AVE	DEPARTMENT STORE	41	-87	Chicago	3228		
□ 705763	W NORTH AVE	DEPARTMENT STORE	41	-87	Chicago	2512		

- Total number of crimes in LA and chicago

```
SELECT "crime". "location"."city", count("crime". "fact"."crime_id") as crime_count
FROM "crime". "fact", "crime"."location"
WHERE "crime". "fact"."location_id"="crime"."location"."location_id"
GROUP BY "crime". "location"."city"
ORDER BY crime_count desc;
```

```
1 SELECT "crime"."location"."city",count("crime"."fact"."crime_id") as crime_count
2 FROM "crime"."fact", "crime"."location"
3 WHERE "crime"."fact"."location_id"="crime"."location"."location_id"
4 GROUP BY "crime"."location"."city"
5 ORDER BY crime_count desc;

Result 1 (2)
city crime_count
Chicago 7422765
Los Angeles 2515737
```

- Most committed and least committed crime

```
(SELECT "crime"."crime"."crime_description", count("crime"."fact"."crime_id") as crime_count, 'Most committed crime' as crime_count_type

FROM "crime"."fact", "crime"."crime"

WHERE "crime"."fact"."crime_id"="crime"."crime"."crime_id"

GROUP BY "crime"."crime"."crime_description"

order by crime_count desc limit 1)
```

UNION

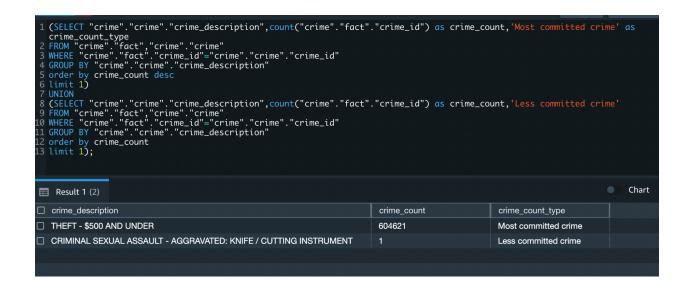
```
(SELECT "crime"."crime"."crime_description", count("crime"."fact"."crime_id") as crime_count, 'Least committed crime'

FROM "crime"."fact","crime"."crime"

WHERE "crime"."fact"."crime_id"="crime"."crime"."crime_id"

GROUP BY "crime"."crime"."crime_description"

order by crime_count limit 1);
```



- Analyzing crime patterns based on the hours of the day

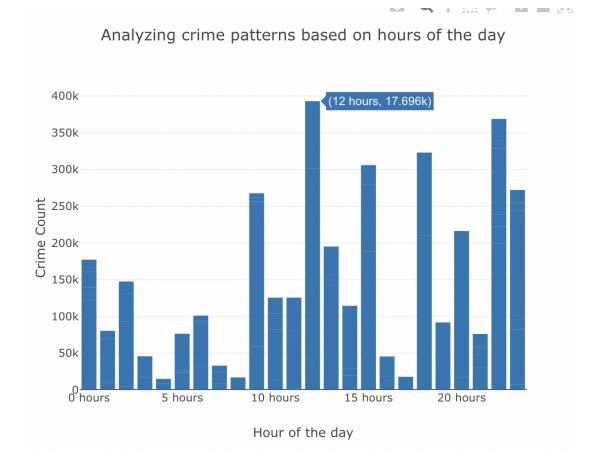
```
SELECT count("crime"."fact"."crime_id") as

crime_count,substring("crime"."date_of_incident".time,1,2)

FROM "crime"."fact", "crime"."date_of_incident"

WHERE "crime"."fact"."date_id" ="crime"."date_of_incident"."date_id"

group by "crime"."date_of_incident".time;
```



--Total number of crimes during each month (for all years)

 ${\tt SELECT\ count("crime"."date_of_incident".year)\ as}$

crime_total,"crime"."date_of_incident".year, "crime"."date_of_incident".month from
"crime"."date_of_incident"

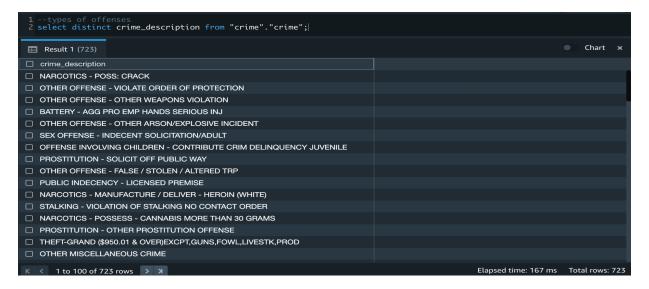
group by "crime"."date_of_incident".year,"crime"."date_of_incident".month order by "crime"."date_of_incident".year;



- Total count of offense types



- Types of offenses



- Count of each offense type

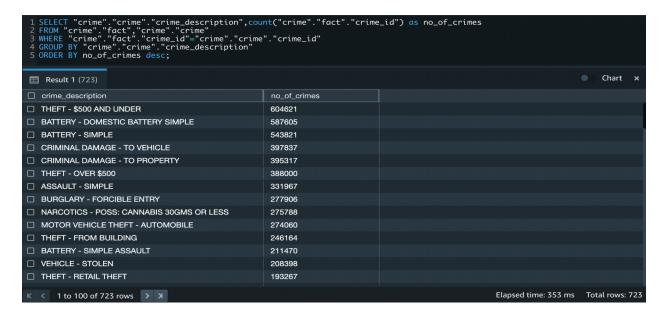
SELECT "crime"."crime"."crime_description", count("crime"."fact"."crime_id") as crime_count

FROM "crime"."fact", "crime"."crime"

WHERE "crime"."fact"."crime_id" ="crime"."crime"."crime_id"

group by "crime"."crime"."crime_description"

order by crime_count desc;



- Least crimes committed in locations (least 10)

```
SELECT "crime"."fact"."location_id", "crime"."location"."block", "crime".

"location"."location_description","crime".

"location"."latitude","crime"."location"."longitude", "crime"."location"."city",

count("crime"."fact"."crime_id") as crime_count

FROM "crime"."fact", "crime"."location"

WHERE "crime"."fact"."location id" ="crime". "location"."location id"
```

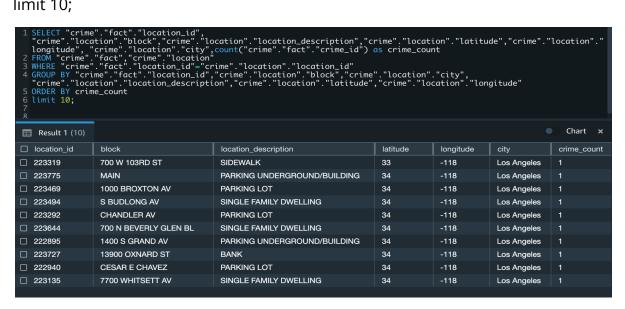
GROUP BY "crime". "fact". "location_id", "crime". "location". "block",

"crime"."location"."city", "crime". "location". "location_description", "crime".

"location". "latitude", "crime". "location". "longitude"

ORDER BY crime_count

limit 10;



Crime rates over the years

