

Preguntas del Cuestionario de SQL

Pregunta Número 1: Indicar cuales son las ciudades con mayor cantidad de accidentes y la cantidad de victimas de cada ciudad

```
SELECT county_location AS "Ciudad", COUNT(case_id) AS "Casos Totales", SUM(killed_victims) AS "Victimas Muertas", SUM(injured_victims) AS "Victimas Heridas" FROM collisions  
GROUP BY Ciudad  
ORDER BY "Casos Totales" DESC;
```

Ciudad	Casos Totales	Victimas Muertas	Victimas Heridas
los angeles	1509138	8112	744588
orange	431958	2185	214687
san diego	331285	3763	216608
riverside	301487	3953	158433
san bernardino	301198	4364	156652

Pregunta Número 2: Indicar la edad promedio, la edad mínima, la edad máxima para las víctimas según su rol en el carro y la ciudad en la cual ocurrió el incidente

```
SELECT county_location AS Ciudad, victim_role AS "Rol de la victima", ROUND(AVG(victim_age), 2) AS "Edad promedio", MIN(victim_age) AS "Edad mínima", MAX(victim_age) AS "Edad Máxima" FROM victims  
INNER JOIN collisions ON collisions.case_id = victims.case_id  
GROUP BY victim_role, county_location  
ORDER BY county_location;
```

Ciudad	Rol de la victima	Edad promedio	Edad mínima	Edad Máxima
los angeles	bicyclist	32,73	0	116
los angeles	driver	38,58	0	122
los angeles	non-injured party	24,74	1	99
los angeles	other	38,4	0	999
los angeles	passenger	27,12	0	999
los angeles	pedestrian	36,9	0	121
orange	bicyclist	33,8	0	114
orange	driver	39,07	0	100
orange	non-injured party	24,61	1	97
orange	other	35,22	0	90
orange	passenger	26,44	0	999
orange	pedestrian	35,01	0	122
riverside	bicyclist	32,23	1	110
riverside	driver	38,61	0	101
riverside	non-injured party	24,07	1	99
riverside	other	51,68	0	999
riverside	passenger	26,25	0	999
riverside	pedestrian	34,45	0	999
san bernardino	bicyclist	30,48	0	89
san bernardino	driver	38,04	0	120
san bernardino	non-injured party	24,66	1	99
san bernardino	other	48,77	2	999
san bernardino	passenger	26,06	0	999
san bernardino	pedestrian	33,51	0	99
san diego	bicyclist	36,91	2	95
san diego	driver	38,22	0	100
san diego	non-injured party	23,98	1	99
san diego	other	48,61	0	999
san diego	passenger	26,48	0	999
san diego	pedestrian	36,63	0	99

Pregunta Número 3: En que clima fueron contabilizados mas accidentes dado las ciudades y que cantidad de victimas estuvieron asociadas al accidente

```
SELECT county_location AS Ciudad, weather_1 AS Clima,
SUM(killed_victims) AS "Total Victimas"
```

```
FROM collisions
```

GROUP BY Clima, Ciudad
ORDER BY "Total Victimas" DESC
LIMIT 5;

Ciudad	Clima	Total Victimas
los angeles	clear	6940
san bernardino	clear	3838
riverside	clear	3435
san diego	clear	2935
orange	clear	1747

Pregunta Número 4: Indicar la raza, la edad y el sexo de las partes implicadas en los accidentes de las 5 ciudades con mayor cantidad de siniestro

SELECT county_location AS "Ciudad", party_sex AS Sexo, party_race AS "Razas", ROUND(AVG(party_age)) AS "Edad Promedio" FROM parties

JOIN collisions ON collisions.case_id = parties.case_id

GROUP BY party_race, party_sex, county_location;

Ciudad	Sexo	Razas	Edad Promedio
los angeles	female	asian	35
orange	female	asian	33
riverside	female	asian	38
san bernardino	female	asian	38
san diego	female	asian	37
los angeles	male	asian	35
orange	male	asian	31
riverside	male	asian	35
san bernardino	male	asian	36

Ciudad	Sexo	Razas	Edad Promedio
los angeles	female	asian	35
orange	female	asian	33
riverside	female	asian	38
san bernardino	female	asian	38
san diego	female	asian	37
los angeles	male	asian	35
orange	male	asian	31
riverside	male	asian	35
san bernardino	male	asian	36
san diego	male	asian	29
los angeles	female	black	36
orange	female	black	35
riverside	female	black	35
san bernardino	female	black	32
san diego	female	black	35
los angeles	male	black	35
orange	male	black	31
riverside	male	black	34
san bernardino	male	black	34
san diego	male	black	33
los angeles	female	hispanic	31
orange	female	hispanic	30
riverside	female	hispanic	32
san bernardino	female	hispanic	30
san diego	female	hispanic	31
los angeles	male	hispanic	31
orange	male	hispanic	30
riverside	male	hispanic	30
san bernardino	male	hispanic	30
san diego	male	hispanic	30
los angeles	female	other	34
orange	female	other	34
riverside	female	other	33
san bernardino	female	other	30
san diego	female	other	34
los angeles	male	other	34
orange	male	other	31
riverside	male	other	33
san bernardino	male	other	36
san diego	male	other	30

los angeles	female	white	38
orange	female	white	37
riverside	female	white	41
san bernardino	female	white	39
san diego	female	white	39
los angeles	male	white	37
orange	male	white	36
riverside	male	white	37
san bernardino	male	white	38
san diego	male	white	37

Pregunta Número 5: Indique en cuantos casos las partes implicadas estaban en estado de ebriedad, bajo efectos de drogas o cualquier otro estado que afecte la capacidad de manejo, además muestre si hay algún patrón en las edades

```
DROP VIEW "main"."Pregunta 5 Cuestionario SQL";
```

```
CREATE VIEW "Pregunta 5 Cuestionario SQL." AS
```

```
SELECT party_drug_physical AS "Estado de las partes implicadas en  
materia de drogas y condición física", party_sobriety AS "El estado de  
sobriedad de las partes", ROUND(AVG(party_age),2) AS "Edad  
promedio de las partes implicadas", SUM(party_number) AS "Casos  
Ocurridos" FROM parties
```

```
GROUP BY party_drug_physical, party_sobriety
```

```
ORDER BY ROUND(AVG(party_age),2) ASC;
```

Estado de drogas	Estado de sobriedad	Edad promedio	Partes
sleepy/fatigued	had been drinking, under influence	29,3	1555
sleepy/fatigued	had been drinking, not under influence	30,23	1268
sleepy/fatigued	had been drinking, impairment unknown	31,5	138
sleepy/fatigued	had not been drinking	33,22	23954
under drug influence	impairment unknown	33,62	15
under drug influence	had been drinking, under influence	34,22	6314
under drug influence	had been drinking, not under influence	36,02	483
under drug influence	had been drinking, impairment unknown	36,95	504
under drug influence	had not been drinking	38,08	3482
impairment - physical	had been drinking, under influence	39,44	147
impairment - physical	had been drinking, impairment unknown	43,92	29
impairment - physical	had been drinking, not under influence	47,92	59
impairment - physical	impairment unknown	50,25	17
impairment - physical	had not been drinking	50,48	3034