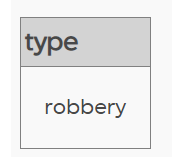
**SQL MURDER MYSTERY**

1. **USE CASE:** Type of Crime Scene in city NYC

**QUERY:** select type from crime\_scene\_report where city= 'NYC'

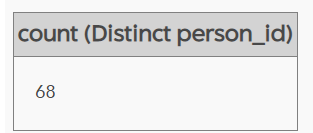
**SCREENSHOT:**



1. **USE CASE:** Number of persons who have the membership status as gold in a gym

**QUERY:** select count (Distinct person\_id) from get\_fit\_now\_member where membership\_status='gold'

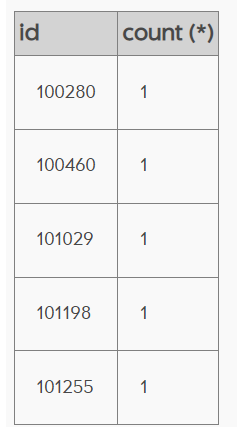
**SCREENSHOT:**



1. **USE CASE:** Counting the ids which have been used for the making of driving license in the descending order

**QUERY:** select id, count (\*) from drivers\_license group by id Order by 2 desc limit 5

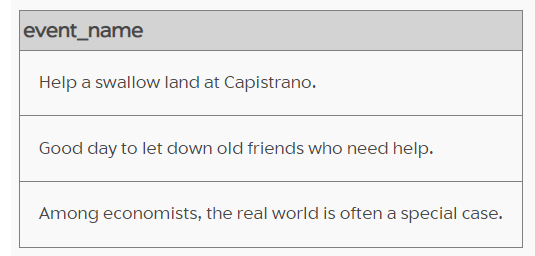
**SCREENSHOT:**



1. **USE CASE:** Finding out the distinct events which took place when the persons of a particular id went

**QUERY:** select distinct event\_name from facebook\_event\_checkin where person\_id = '82998'

**SCREENSHOT:**



1. **USE CASE:** Selecting the Social Security Number of the person whose income is between the particular range

**QUERY:** select ssn from income WHERE annual\_income BETWEEN '9000' AND '10000'

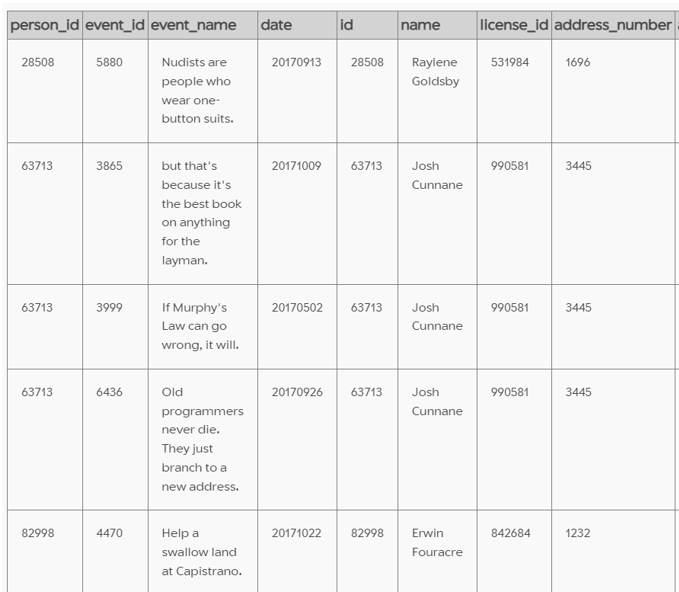
**SCREENSHOT:**



1. **USE CASE:** Joining two tables with a person id as a common column

**QUERY:** select \* from facebook\_event\_checkin inner join person on facebook\_event\_checkin.person\_id=person.id limit 5

**SCREENSHOT:**

1. **USE CASE:** Joining two tables with ssn as a common column

**QUERY:** Select name from person left join income on person.ssn=income.ssn WHERE annual\_income>450000

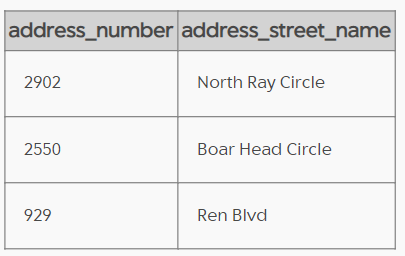
**SCREENSHOT:**



1. **USE CASE:** Joining two tables with id as a common column

**QUERY:** select address\_number, address\_street\_name from person join get\_fit\_now\_member on person.id=get\_fit\_now\_member.id

**SCREENSHOT:**



1. **USE CASE:** Joining two tables with name and id as a common column

**QUERY:** SELECT gender, eye\_color, hair\_color, car\_model

FROM get\_fit\_now\_member

JOIN person

ON get\_fit\_now\_member.name = person.name

JOIN drivers\_license dl

ON person.license\_id = dl.id

where car\_model= 'M3'

**SCREENSHOT:**



1. **USE CASE:** Joining two tables with date as a common column

**QUERY:** SELECT type, description

FROM crime\_scene\_report

JOIN facebook\_event\_checkin

ON crime\_scene\_report.date = facebook\_event\_checkin.date

where type='arson' limit 5

**SCREENSHOT:**

