**SQL MURDER MYSTERY**

Submitted by Archana P, 2237027, 2MAECO

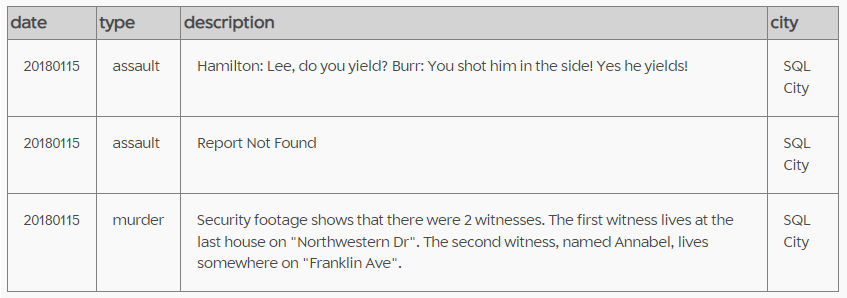
1. To know all the crimes that took place in SQL City on jan.15.2018.

SELECT \*

FROM crime\_scene\_report

WHERE date = '20180115' and

city = 'SQL City'



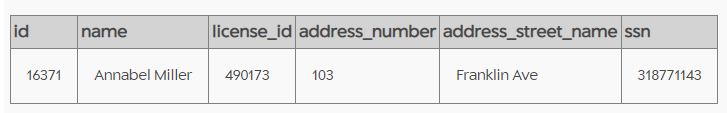
1. Obtaining details of second witness Annabel

SELECT \*

FROM person

WHERE name

LIKE ‘Annabel%’



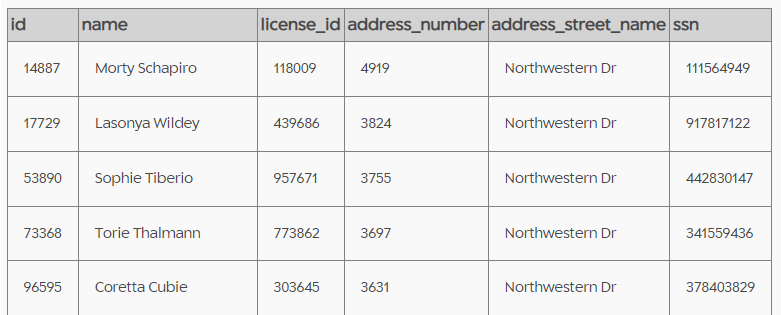
1. Finding name and other information on witness living in last house in Northwestern Dr

SELECT \*

FROM person

WHERE address\_street\_name = 'Northwestern Dr'

ORDER BY address\_number desc



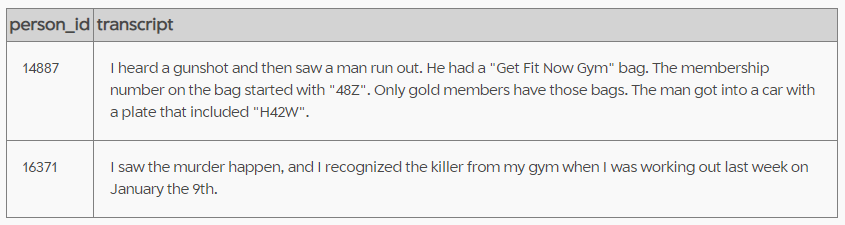
1. Retrieving interviews of both the witness

SELECT person\_id,transcript

FROM interview

WHERE person\_id = 14887

OR person\_id = 16371



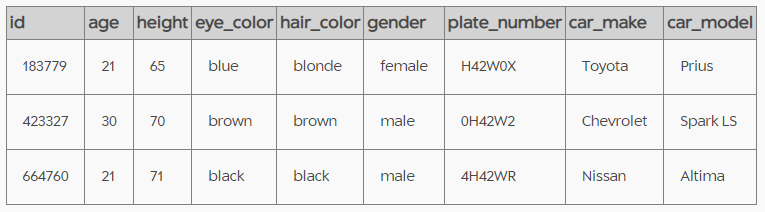
1. Checking for car details with plate number including HA2W

SELECT \*

FROM drivers\_license

WHERE plate\_number

LIKE '%H42W%'



1. Details of the person mentioned by the witness, with membership number starting with 48Z who went to gym on January 9th 2018

SELECT \*

FROM get\_fit\_now\_check\_in

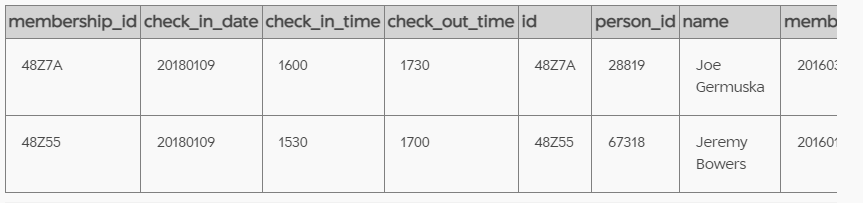
JOIN get\_fit\_now\_member

ON get\_fit\_now\_check\_in.membership\_id = get\_fit\_now\_member.id

WHERE membership\_id

LIKE '48Z%'

AND check\_in\_date = 20180109





1. Checking the events that person id 67318 has attended

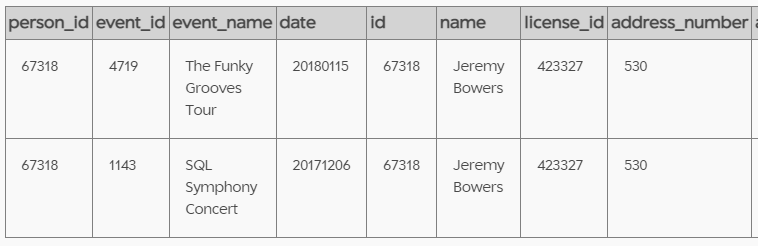
SELECT \*

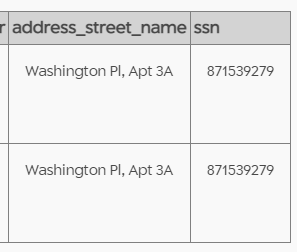
FROM facebook\_event\_checkin f

LEFT JOIN person p

ON f.person\_id=p.id

WHERE person\_id=67318





1. Getting personal details of the person with license id 423327

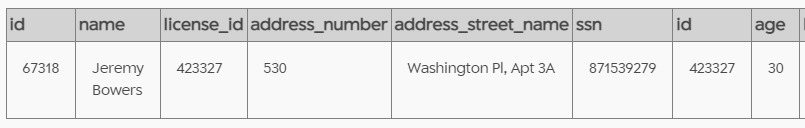
SELECT \*

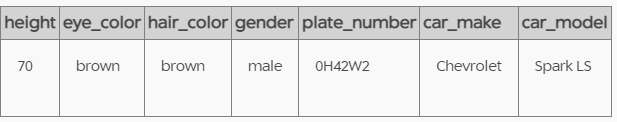
FROM person p

LEFT JOIN drivers\_license d

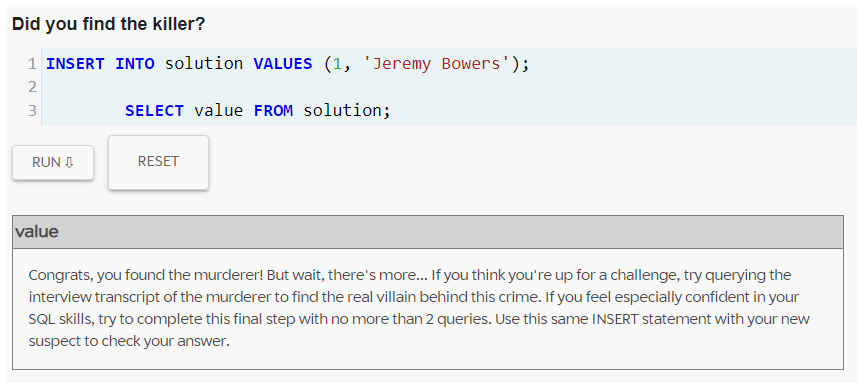
ON p.license\_id=d.id

WHERE license\_id=423327





Checking the solution

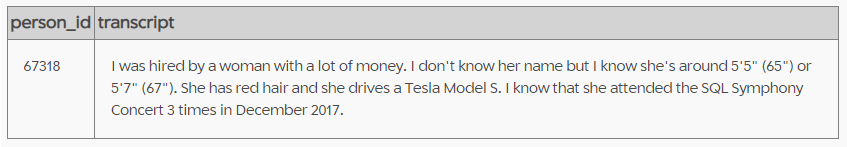


Retrieving the statement of Jeremy Bowers

SELECT \*

FROM interview

WHERE person\_id= '67318'



1. Finding the female with red hair, around 65 or 67 and drives Tesla Model

SELECT\*

FROM person p

INNER join drivers\_license as d

ON d. id= p.license\_id

INNER JOIN income as i

ON i.ssn = p.ssn

WHERE d.gender = "female"

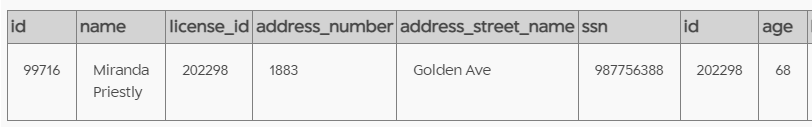
AND d.car\_make = "Tesla"

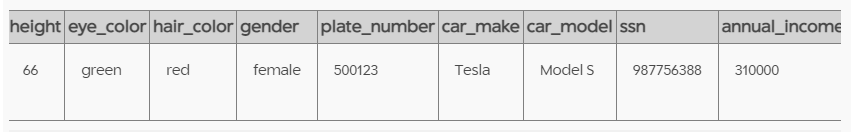
AND d.car\_model = "Model S"

AND d.height > 65

AND d.height < 67

AND d.hair\_color = "red"





1. Obtaining information on the events that Miranda Priestly, id number 99716 attended

SELECT \*

FROM facebook\_event\_checkin f

LEFT JOIN person p

ON f.person\_id=p.id

WHERE person\_id= 99716





Checking the solution

