https://mystery.knightlab.com/

1) First thing I knew was that the crime was on 01152018 and in SQL city

--First I wanted to see the reports--

SELECT \* FROM

crime\_scene\_report

WHERE date = '20180115'

AND city = 'SQL City';

| **date** | **type** | **description** | **city** |
| --- | --- | --- | --- |
| 20180115 | assault | Hamilton: Lee, do you yield? Burr: You shot him in the side! Yes he yields! | SQL City |
| 20180115 | assault | Report Not Found | SQL City |
| 20180115 | murder | Security footage shows that there were 2 witnesses. The first witness lives at the last house on "Northwestern Dr". The second witness, named Annabel, lives somewhere on "Franklin Ave". | SQL City |

Found out there was 2 witnesses

2) One lives on Northwestern Dr and other on Franklin Ave (Annabel)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 16371 | Annabel Miller | 490173 | 103 | Franklin Ave | 318771143 |

SELECT \* FROM

person

WHERE address\_street\_name = 'Northwestern Dr'

OR address\_street\_name = 'Franklin Ave'

ORDER by name ASC;

3) --query the gym check in date--

SELECT \* FROM

get\_fit\_now\_check\_in

WHERE check\_in\_date = '20180115';

| **membership\_id** | **check\_in\_date** | **check\_in\_time** | **check\_out\_time** |
| --- | --- | --- | --- |
| D2KY6 | 20180115 | 746 | 836 |
| 344VM | 20180115 | 1087 | 1195 |
| 3BRSC | 20180115 | 354 | 825 |
| HM6U8 | 20180115 | 525 | 800 |

4) --Query to grab those who checked in to the gym the day of the murder—

SELECT name, person\_id, check\_in\_date, check\_in\_time, check\_out\_time

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 check\_in\_date = '20180115';

| **name** | **person\_id** | **check\_in\_date** | **check\_in\_time** | **check\_out\_time** |
| --- | --- | --- | --- | --- |
| Joline Hollering | 99602 | 20180115 | 746 | 836 |
| Armando Huie | 13466 | 20180115 | 1087 | 1195 |
| Taylor Skyes | 19948 | 20180115 | 354 | 825 |
| Edgar Bamba | 50106 | 20180115 | 525 | 800 |

5) --Query the imvterview table by Annabel id—

SELECT \* FROM

interview

where person\_id = 16371;

| **person\_id** | **transcript** |
| --- | --- |
| 16371 | I saw the murder happen, and I recognized the killer from my gym when I was working out last week on January the 9th. |

6) --query the list of people who checked in to the gym on jan the 9th--

SELECT \* FROM

get\_fit\_now\_check\_in

where check\_in\_date = '20180109';

| **membership\_id** | **check\_in\_date** | **check\_in\_time** | **check\_out\_time** |
| --- | --- | --- | --- |
| X0643 | 20180109 | 957 | 1164 |
| UK1F2 | 20180109 | 344 | 518 |
| XTE42 | 20180109 | 486 | 1124 |
| 1AE2H | 20180109 | 461 | 944 |
| 6LSTG | 20180109 | 399 | 515 |
| 7MWHJ | 20180109 | 273 | 885 |
| GE5Q8 | 20180109 | 367 | 959 |
| 48Z7A | 20180109 | 1600 | 1730 |
| 48Z55 | 20180109 | 1530 | 1700 |
| 90081 | 20180109 | 1600 | 1700 |

7) --query to join the tables and see the names of the people who worked out at the gym with annabel that day—

SELECT membership\_id, check\_in\_date, check\_in\_time, check\_out\_time, person\_id, name

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 check\_in\_date = '20180109';

| **membership\_id** | **check\_in\_date** | **check\_in\_time** | **check\_out\_time** | **person\_id** | **name** |
| --- | --- | --- | --- | --- | --- |
| X0643 | 20180109 | 957 | 1164 | 15247 | Shondra Ledlow |
| UK1F2 | 20180109 | 344 | 518 | 28073 | Zackary Cabotage |
| XTE42 | 20180109 | 486 | 1124 | 55662 | Sarita Bartosh |
| 1AE2H | 20180109 | 461 | 944 | 10815 | Adriane Pelligra |
| 6LSTG | 20180109 | 399 | 515 | 83186 | Burton Grippe |
| 7MWHJ | 20180109 | 273 | 885 | 31523 | Blossom Crescenzo |
| GE5Q8 | 20180109 | 367 | 959 | 92736 | Carmen Dimick |
| 48Z7A | 20180109 | 1600 | 1730 | 28819 | Joe Germuska |
| 48Z55 | 20180109 | 1530 | 1700 | 67318 | Jeremy Bowers |
| 90081 | 20180109 | 1600 | 1700 | 16371 | Annabel Miller |

8) Next I did a query for those who checked in at the same time as Annabel or who was still there when she was

SELECT membership\_id, check\_in\_date, check\_in\_time, check\_out\_time, person\_id, name

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 check\_in\_date = '20180109'

AND check\_in\_time > 1200;

| **membership\_id** | **check\_in\_date** | **check\_in\_time** | **check\_out\_time** | **person\_id** | **name** |
| --- | --- | --- | --- | --- | --- |
| 48Z7A | 20180109 | 1600 | 1730 | 28819 | Joe Germuska |
| 48Z55 | 20180109 | 1530 | 1700 | 67318 | Jeremy Bowers |
| 90081 | 20180109 | 1600 | 1700 | 16371 | Annabel Miller |

9) Next I did a query to see where they were at on facebook possibly the day of the murder

SELECT \* FROM

facebook\_event\_checkin

WHERE person\_id = '67318';

| **person\_id** | **event\_id** | **event\_name** | **date** |
| --- | --- | --- | --- |
| 67318 | 4719 | The Funky Grooves Tour | 20180115 |
| 67318 | 1143 | SQL Symphony Concert | 20171206 |

10) --Found out Jeremey was the killer but was hired by someone—

SELECT \*

FROM interview

WHERE person\_id = '67318';

| **person\_id** | **transcript** |
| --- | --- |
| 67318 | I was hired by a woman with a lot of money. I don't know her name but I know she's around 5'5" (65") or 5'7" (67"). She has red hair and she drives a Tesla Model S. I know that she attended the SQL Symphony Concert 3 times in December 2017. |

11) Did a query by her car and height

SELECT \*

FROM drivers\_license

WHERE car\_make = 'Tesla'

AND height = 65;

| **id** | **age** | **height** | **eye\_color** | **hair\_color** | **gender** | **plate\_number** | **car\_make** | **car\_model** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 467669 | 70 | 65 | green | white | male | W528W7 | Tesla | Model S |
| 918773 | 48 | 65 | black | red | female | 917UU3 | Tesla | Model S |

12) --did a query by the license id—

SELECT \*

FROM person

WHERE license\_id = 918773;

| **id** | **name** | **license\_id** | **address\_number** | **address\_street\_name** | **ssn** |
| --- | --- | --- | --- | --- | --- |
| 78881 | Red Korb | 918773 | 107 | Camerata Dr | 961388910 |

13) --red korb wasn’t right so I went to fetch who was at the concert between December and January—

SELECT \*

FROM facebook\_event\_checkin

WHERE event\_name = 'SQL Symphony Concert'

AND date BETWEEN 20171201 AND 20180101;

| **person\_id** | **event\_id** | **event\_name** | **date** |
| --- | --- | --- | --- |
| 62596 | 1143 | SQL Symphony Concert | 20171225 |
| 19260 | 1143 | SQL Symphony Concert | 20171214 |
| 94922 | 1143 | SQL Symphony Concert | 20180101 |
| 58898 | 1143 | SQL Symphony Concert | 20171220 |
| 69699 | 1143 | SQL Symphony Concert | 20171214 |
| 19292 | 1143 | SQL Symphony Concert | 20171213 |
| 43366 | 1143 | SQL Symphony Concert | 20171207 |
| 92343 | 1143 | SQL Symphony Concert | 20171212 |
| 28582 | 1143 | SQL Symphony Concert | 20171220 |
| 28582 | 1143 | SQL Symphony Concert | 20171215 |
| 81526 | 1143 | SQL Symphony Concert | 20171202 |
| 24397 | 1143 | SQL Symphony Concert | 20171208 |
| 11173 | 1143 | SQL Symphony Concert | 20171223 |
| 79312 | 1143 | SQL Symphony Concert | 20171203 |
| 69325 | 1143 | SQL Symphony Concert | 20171206 |
| 24556 | 1143 | SQL Symphony Concert | 20171207 |
| 24556 | 1143 | SQL Symphony Concert | 20171221 |
| 24556 | 1143 | SQL Symphony Concert | 20171224 |
| 99716 | 1143 | SQL Symphony Concert | 20171206 |
| 99716 | 1143 | SQL Symphony Concert | 20171212 |
| 99716 | 1143 | SQL Symphony Concert | 20171229 |
| 67318 | 1143 | SQL Symphony Concert | 20171206 |

14) --this time I did a query by the car make but also hair color—

SELECT \*

FROM drivers\_license

WHERE car\_make = 'Tesla'

AND hair\_color = 'red';

| **id** | **age** | **height** | **eye\_color** | **hair\_color** | **gender** | **plate\_number** | **car\_make** | **car\_model** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 202298 | 68 | 66 | green | red | female | 500123 | Tesla | Model S |
| 291182 | 65 | 66 | blue | red | female | 08CM64 | Tesla | Model S |
| 736081 | 79 | 69 | brown | red | male | GCAQ6Y | Tesla | Model S |
| 918773 | 48 | 65 | black | red | female | 917UU3 | Tesla | Model S |

15) -at this point I knew it had to be one of the top two listed from the last query output—

SELECT \*

FROM person

WHERE license\_id = 202298

OR license\_id = 291182;

| **id** | **name** | **license\_id** | **address\_number** | **address\_street\_name** | **ssn** |
| --- | --- | --- | --- | --- | --- |
| 90700 | Regina George | 291182 | 332 | Maple Ave | 337169072 |
| 99716 | Miranda Priestly | 202298 | 1883 | Golden Ave | 987756388 |

16) --Then I did a query for Regina and Miranda in the facebook table for any events they been to and low a nd behold—

| **person\_id** | **event\_id** | **event\_name** | **date** |
| --- | --- | --- | --- |
| 99716 | 1143 | SQL Symphony Concert | 20171206 |
| 99716 | 1143 | SQL Symphony Concert | 20171212 |
| 99716 | 1143 | SQL Symphony Concert | 20171229 |

17) Come to find out she was there at the concert on those dates in 2017. To jail you go!

INSERT INTO solution VALUES (1, 'Miranda Priestly');

SELECT value FROM solution;

| **value** |
| --- |
| Congrats, you found the brains behind the murder! Everyone in SQL City hails you as the greatest SQL detective of all time. Time to break out the champagne! |

Miranda Priestly is the answer!