

THE SQL MURDER MISTERY

- SQL CITY

Investigación
resultados

15 de
enero
2018



You'll become me
to learn. My job
is to train hair



A cartoon illustration of a detective character. He has a large, round head, wears glasses, and has a prominent mustache. He is dressed in a tan trench coat over a white shirt and a brown fedora hat. He is holding a black magnifying glass up to his eye with both hands, looking intently at something off-camera. The background is plain white.

~~Jesús González~~

The image shows a close-up of a ledger page from 1938. The page is filled with handwritten and printed text, including column headers like 'Bergbau 1938', '1937', 'Mühl. 37', and various numerical values such as '107', '103', '50', 'b', '106,75', '104,-', '105,25', and '105,10'. A large red 'X' is drawn across the page. In the bottom left corner, there is a large, semi-transparent red text block containing the sentence "Dear. even though states, I know they eventually".



Iridiana Espinosa



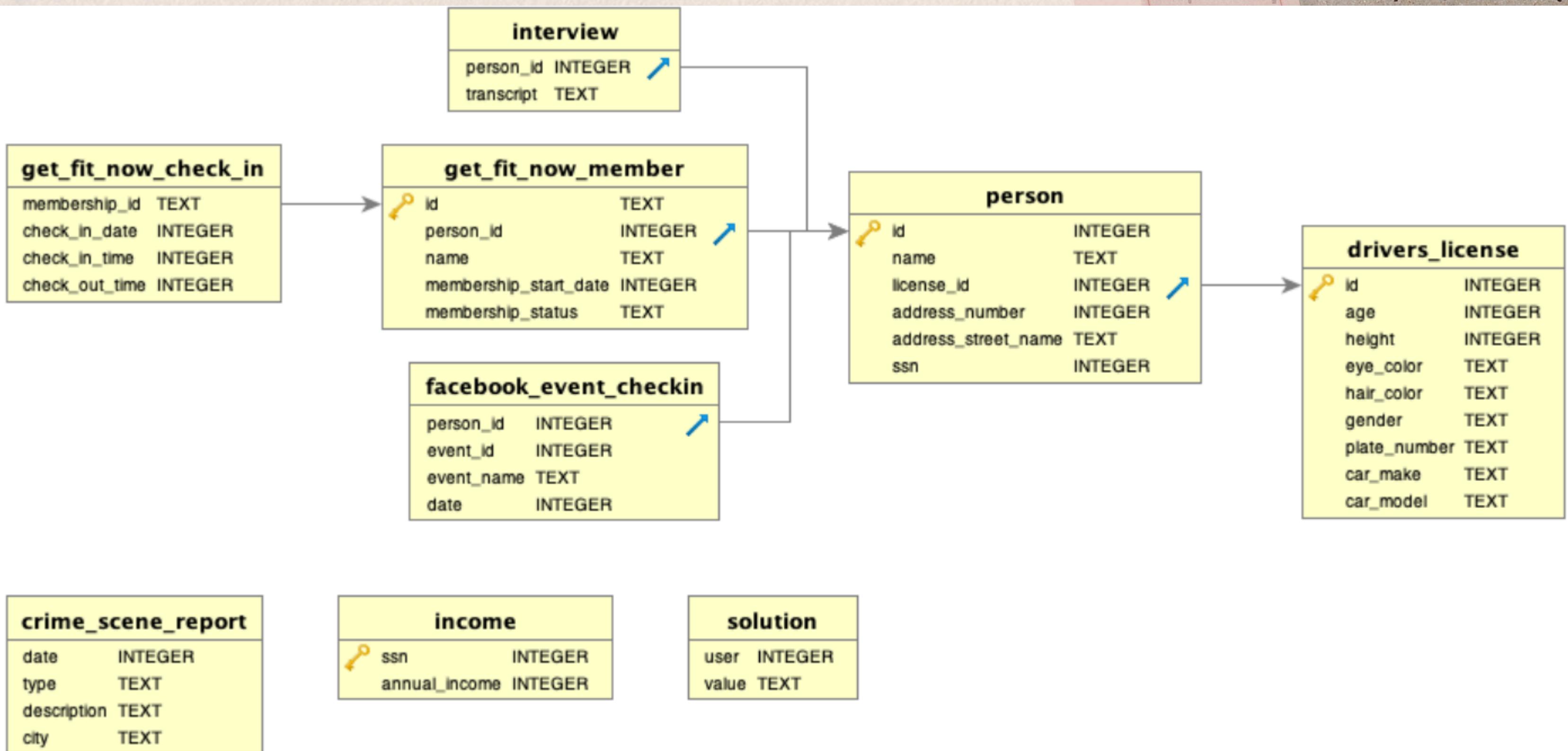
Victor Caballero



Gustavo Casarrubios

Nuestro Equipo

MODELO DE DATOS COMISARÍA



IMPORTACIÓN DE DATOS

```
import sqlite3
import pandas as pd

connection = sqlite3.connect("./data/sql-murder-mystery.db")
connection_cursor = connection.cursor()
```

```
def sql_query(query):
    #ejecutamos query
    connection_cursor.execute(query)
    pok = connection_cursor.fetchall()
    nombres = [columnas[0] for columnas in connection_cursor.description]
    return pd.DataFrame(pok, columns=nombres)
```



Primeros resultados

	query = ''	SELECT * FROM sqlite_master	...	
0		sql_query(query)		
0	type	name	tbl_name	rootpage
0	table	crime_scene_report	crime_scene_report	2
1	table	drivers_license	drivers_license	3
2	table	person	person	4
3	table	facebook_event_checkin	facebook_event_checkin	5
4	table	interview	interview	6
5	table	get_fit_now_member	get_fit_now_member	7
6	index	sqlite_autoindex_get_fit_now_member_1	get_fit_now_member	8
7	table	get_fit_now_check_in	get_fit_now_check_in	9
8	table	income	income	10
9	table	solution	solution	11



THE WITNESSES

The first witness lives at the last house on "Northwestern Dr".

The second witness, named Annabel, lives somewhere on "Franklin Ave".

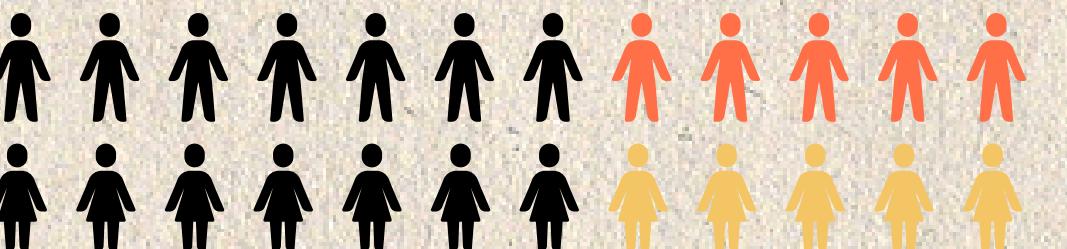
```
query = '''
SELECT description
FROM crime_scene_report
WHERE date = 20180115 AND
type = "murder" AND
city = "SQL City"
'''
```



```
sql_query(query)
```

```
#the first Witness lives at the last house on "northwerstern Dr"
#the second witness, named Anabel, lives somewhere on frankin AVE
```

✓ 0.0s



The two witnesses

```
query3 = '''
SELECT ID, name, address_street_name, address_number
FROM Person
WHERE address_street_name = "Franklin Ave" AND
name like "%Annabel%"
UNION
SELECT ID, name, address_street_name, MAX(address_number) as address_number
FROM Person
WHERE address_street_name = "Northwestern Dr"
...
sql_query(query3)
```

✓ 0.0s

	id	name	address_street_name	address_number
0	14887	Morty Schapiro	Northwestern Dr	4919
1	16371	Annabel Miller	Franklin Ave	103

Annabel
Miller

I saw the murder
happen, and I
recognized the killer
from my gym when I
was
working out last
week on January the
9th.

Transcripts

Seleccionamos los Id de los testigos ID1 = 14887 Id2 = 16371

```
query1 = ...
SELECT *
FROM interview
WHERE person_id IN (14887,16371)
...
sql_query(query1)
```

✓ 0.0s

Morty
Schapiro

I heard a gunshot and then
saw a man run out. He had
a "Get Fit Now Gym"
bag. The membership
number on the bag started
with "48Z". Only gold
members have those bags.
The man got into a car
with a plate that included
"H42W".

nt you decid
your chosen
ill become me
earn. My jo
st option fail

Deutsche Reichsb
Reichsschatzamt
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• e. 36 3
• e. 37 1
• e. 37 2
• e. 38 1
• e. 38 L

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Bayr. Hyp.u.W.Goldp
Bayr. Ver.-Bank-Gpf
Berlin Hyp.-Bk. Gol
Gold-K. R.

St. Ctr.-Bod.-Gpf A

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1939

König-Lud

1939

Spa

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SPD

UNI

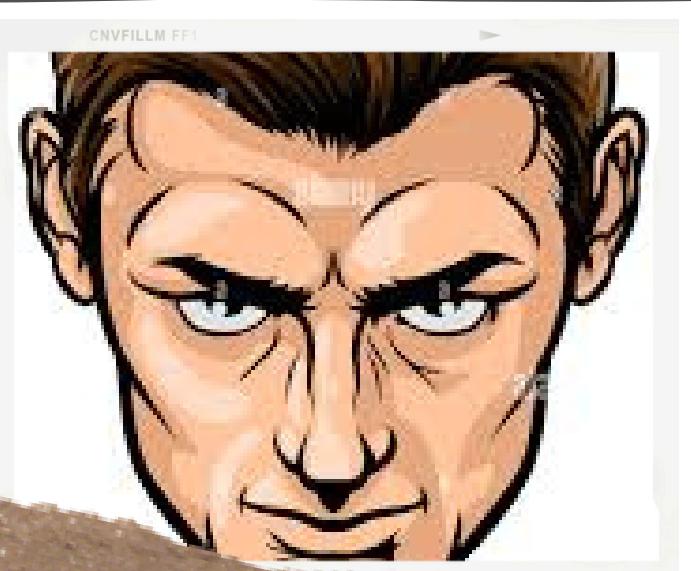


THE D DAY

```
query1 = ''  
SELECT C.name, D.plate_number, A.membership_status, A.id, B.Check_in_date  
FROM get_fit_now_member A  
INNER JOIN get_fit_now_check_in B on A.ID = B.membership_id  
INNER JOIN person C ON C.id = A.person_id  
INNER JOIN drivers_license D on D.Id = C.license_Id  
WHERE B.check_in_date = "20180109"  
AND A.membership_status = 'gold'  
AND A.Id like "48Z%"  
AND D.gender = "male"  
AND D.plate_number like "%H42W%"  
  
...  
sql_query(query1)
```

✓ 0.0s

	name	plate_number	membership_status	id	check_in_date
0	Jeremy Bowers	0H42W2	gold	48Z55	20180109



CANVA STORIES

Jeremy
Bowers -
The Killer

¡GRACIAS POR TU ATENCIÓN!

