**SQL ASSIGNMENT**

**SUBMITTED BY: GAYATHRI E (2237034)**

1. To obtain all information regarding crimes committed in SQL City from the crime scene report table

* **select \* from crime\_scene\_report where city = "SQL City"**

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2. To obtain information from the table crime scene report regarding the murders that occurred in SQL City on January 15, 2018

* **select \* from crime\_scene\_report where Type = "murder" and city = "SQL City” and date = 20180115**

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3. To learn more about a Franklin Avenue resident named Annabel who was a murder witness.

* **select \* from person where address\_street\_name = "Franklin Ave" and name like 'Annabel%'**

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4. To obtain details about other witnesses

* **select \* from person where address\_street\_name LIKE "Northwestern Dr%" order by address\_number DESC limit 5**

Table

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5. to obtain witness interview transcripts from the table  interview

* **select \* from interview where person\_id in (16371,14887)**Graphical user interface, text, application, email

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6. To obtain combined information from tables person and interview

* **SELECT \* FROM person P left join interview I on P.id=I.person\_id where id=="14887" or id=="16371"**

Table

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Table

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7. To obtain combined details from tables get fit now check-in and get fit now member

* **SELECT \* FROM get\_fit\_now\_member M left join get\_fit\_now\_check\_in C on M.id=C.membership\_id where C.check\_in\_date=="20180109" and C.membership\_id like '48Z%' and M.membership\_status=='gold'**

Table

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Table

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8. To obtain combined details from tables person and driver’s license

* **select p.name, p.id, plate\_number from person p left join drivers\_license d on d.id=p.license\_id where p.id in (67318,28819) and d.plate\_number like "%H42W%"**

Table

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9. To obtain combined details from the tables get fit now member and get fit now check in

* **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**

Table

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10. to obtain combined details from tables driver’s license and person

* **SELECT\* FROM person P INNER join drivers\_license as L ON L. id= P.license\_id INNER JOIN income as I ON I.ssn = P.ssn WHERE L.gender = "female" AND L.car\_make = "Tesla" AND L.car\_model = "Model S" AND L.height > 65 AND L.height < 67 AND L.hair\_color = "red"**

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Table

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