

# Taxi Service Database Management System

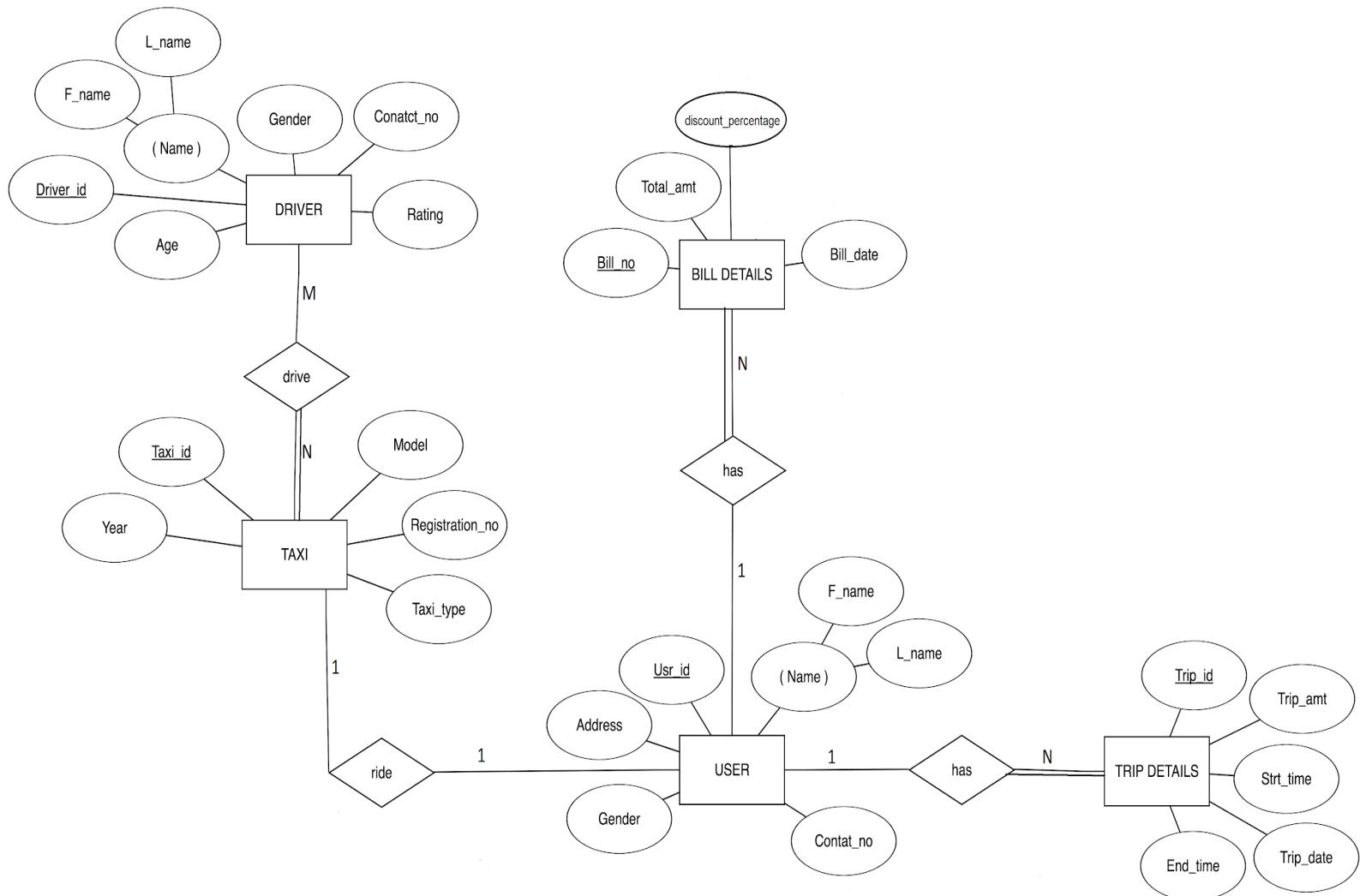
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## INTRODUCTION

Our project implements a database management scheme for a taxi service firm. We have attempted to devise an efficient, descriptive and comprehensive database, complete with Entity-Relationship diagrams and Relational Database Model.

- The Taxi Service Database involves around three main entities Taxi, User and Trip.
- Taxis can be booked for a specific location with a specific address by a User. User has a unique User\_id, and Contact\_no.
- A Taxi Service has a number of taxis for service. Each taxi is described by Taxi\_id, Registration\_no, Model and year.
- A user is uniquely identified by his/her User\_id. User information consists of his name as first name, last name, address and contact number.
- When a user books a taxi and starts the trip by the driver the start time is automatically updated by the system. When the trip ends, the end trip time is also automatically updated in the database by the system.
- A unique bill is generated with a Bill\_no after a trip ends which has the information of user, driver, amount, date.
- The total amount and net amount are calculated based on start time, end time and discount percentage(can be redeemed by users by promotional codes) if any
- The driver of a taxi can be uniquely identified by the Driver\_id. Other information consists of name, gender, contact\_no, rating and age.
- After the trip over a unique trip\_id is generated for that particular trip. Along with all the necessary trip\_details such as amount, date etc.

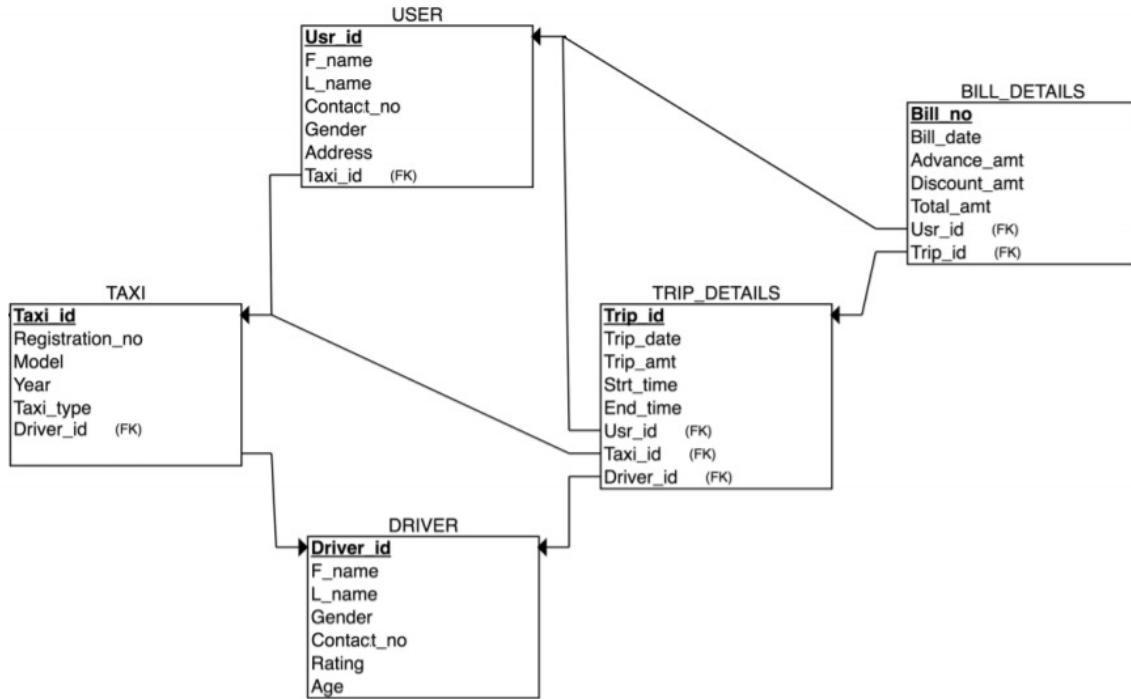
## E-R Diagram



### ASSUMPTIONS:

- Many drivers can drive many taxis (M:N)
- Single user can have multiple trips details (1:N)
- Single user can have multiple bills details (1:N)
- Single user can ride in one taxi at a time (1:1)

## RELATIONAL SCHEMA:



## RELATION TABLES :

### USER\_TABLE

Usr_id	F_name	L_name	Contat_no	Gender	Address	Taxi_id
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- Primary Key: Usr\_id
- Foreign Keys: Taxi\_id

### DRIVER

Driver_id	F_name	L_name	Gender	Conatct_no	Rating	Age
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- Primary Key: Driver\_id
- Foreign Keys: NA

**TRIP\_DETAILS**

Trip_id	Trip_date	Trip_amt	Driver_id	Usr_id
---------	-----------	----------	-----------	--------

Taxi_id	Strt_time	End_time
---------	-----------	----------

- Primary Key: Trip\_id
- Foreign Keys: Taxi\_id, Usr\_id, Driver\_id

**BILL\_DETAILS**

Bill_no	Bill_date	Advance_amt	Discount_amt	Total_amt	Usr_id	Trip_id
---------	-----------	-------------	--------------	-----------	--------	---------

- Primary Key: Bill\_no
- Foreign Keys: Usr\_id, Trip\_id

**TAXI**

Taxi_id	Registration_no	Taxi_Model	Taxi_Year	Taxi_type	Driver_id
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- Primary Key: Taxi\_id
- Foreign Keys: Driver\_id

## CREATING TABLE USER\_TBL

The screenshot shows the MySQL Workbench interface. On the left, the database tree shows 'taxi\_service\_database (2)' containing 'taxi' and 'user\_tbl'. The main pane displays the SQL query for creating the 'USER\_TBL' table:

```

CREATE TABLE USER_TBL(
    Usr_id INTEGER NOT NULL,
    F_name VARCHAR( 20 ) ,
    L_name VARCHAR( 20 ) ,
    Contat_no INTEGER,
    Gender VARCHAR( 10 ) ,
    Address VARCHAR( 50 ) ,
    Taxi_id INTEGER,
    PRIMARY KEY ( Usr_id )
);
  
```

A green checkmark indicates the query was executed successfully (Query took 0.0238 sec).

Below the main pane, there is a section titled "Run SQL query/queries on database taxi\_service\_database:" with the same CREATE TABLE statement.

## CREATING TABLE DRIVER

The screenshot shows the MySQL Workbench interface. On the left, the database tree shows 'taxi\_service\_database (3)' containing 'driver', 'taxi', and 'user\_tbl'. The main pane displays the SQL query for creating the 'DRIVER' table:

```

CREATE TABLE DRIVER(
    Driver_id INTEGER NOT NULL ,
    F_name VARCHAR( 10 ) ,
    L_name VARCHAR( 20 ) ,
    Gender VARCHAR( 10 ) ,
    Conatct_no VARCHAR( 20 ) ,
    Rating INTEGER,
    Age INTEGER,
    PRIMARY KEY ( Driver_id )
);
  
```

A green checkmark indicates the query was executed successfully (Query took 0.0584 sec).

Below the main pane, there is a section titled "Run SQL query/queries on database taxi\_service\_database:" with the same CREATE TABLE statement.

## CREATING TABLE TRIP\_DETAILS

Database  
taxi\_service\_database (4) ▾

**taxi\_service\_database (4)**

- ▀ driver
- ▀ taxi
- ▀ trip\_details
- ▀ user\_tbl

✓ Your SQL query has been executed successfully ( Query took 0.0570 sec )

```
CREATE TABLE TRIP_DETAILS(
    Trip_id INTEGER NOT NULL,
    Trip_date DATE,
    Trip_amt DECIMAL( 10, 2 ),
    Driver_id INTEGER,
    Usr_id INTEGER,
    Taxi_id INTEGER,
    Strt_time TIMESTAMP,
    End_time TIMESTAMP,
    PRIMARY KEY ( Trip_id )
);
```

Run SQL query/queries on database [taxi\\_service\\_database](#): [?](#)

```
CREATE TABLE TRIP_DETAILS (
    Trip_id integer NOT NULL,
    Trip_date DATE,
    Trip_amt decimal(10,2),
    Driver_id integer,
    Usr_id integer,
    Taxi_id integer,
    Strt_time TIMESTAMP,
```

## CREATING TABLE BILL\_DETAILS

Database  
taxi\_service\_database (5) ▾

**taxi\_service\_database (5)**

- ▀ bill\_details
- ▀ driver
- ▀ taxi
- ▀ trip\_details
- ▀ user\_tbl

✓ Your SQL query has been executed successfully ( Query took 0.0499 sec )

```
CREATE TABLE BILL_DETAILS(
    Bill_no INTEGER NOT NULL,
    Bill_date DATE,
    discount_percentage DECIMAL( 10, 2 ),
    Total_amt DECIMAL( 10, 2 ),
    Usr_id INTEGER,
    Trip_id INTEGER,
    PRIMARY KEY ( Bill_no ),
    UNIQUE (
        Trip_id
    )
);
```

Run SQL query/queries on database [taxi\\_service\\_database](#): [?](#)

```
CREATE TABLE BILL_DETAILS (
    Bill_no integer NOT NULL,
    Bill_date DATE,
    discount_percentage decimal(10,2),
    Total_amt decimal(10,2),
    Usr_id integer,
    Trip_id integer,
    PRIMARY KEY (Bill_no),
```

## CREATING TABLE TAXI

Database  
taxi\_service\_database (5)

```
CREATE TABLE TAXI(
    Taxi_id INTEGER NOT NULL ,
    Registration_no VARCHAR( 20 ) ,
    Taxi_Model VARCHAR( 20 ) ,
    Taxi_Year DATE,
    Taxi_type VARCHAR( 20 ) ,
    STATUS VARCHAR( 20 ) ,
    Driver_id INTEGER,
    PRIMARY KEY ( Taxi_id ) ,
    UNIQUE (
        Registration no
    )
);
```

Your SQL query has been executed successfully ( Query took 0.0633 sec )

Run SQL query/queries on database taxi\_service\_database: [?](#)

```
CREATE TABLE TAXI (
    Taxi_id integer NOT NULL,
    Registration_no VARCHAR(20),
    Taxi_Model VARCHAR(20),
    Taxi_Year DATE,
    Taxi_type VARCHAR(20),
    Status VARCHAR(20),
    Driver_id integer,
```

## CREATING TABLE CUSTOMER\_SERVICE

Database  
taxi\_service\_database (6)

```
CREATE TABLE CUSTOMER_SERVICE(
    Emp_id INTEGER,
    F_name VARCHAR( 20 ) ,
    L_name VARCHAR( 20 )
);
```

Your SQL query has been executed successfully ( Query took 0.0439 sec )

Run SQL query/queries on database taxi\_service\_database: [?](#)

```
CREATE TABLE CUSTOMER_SERVICE (
    Emp_id integer,
    F_name VARCHAR(20),
    L_name VARCHAR(20)
)
```

## SHOW TABLES

Database  
taxi\_service\_database (5) ▾

[taxi\\_service\\_database \(5\)](#)

- bill\_details
- driver
- taxi
- trip\_details
- user\_tbl

+ Options

**Tables\_in\_taxi\_service\_database**

bill_details
driver
taxi
trip_details
user_tbl

Your SQL query has been executed successfully

SHOW TABLES

## INSERTING DATA INTO USER\_TBL

Database  
taxi\_service\_database (5) ▾

[taxi\\_service\\_database \(5\)](#)

- bill\_details
- driver
- taxi
- trip\_details
- user\_tbl

Your SQL query has been executed successfully

```
INSERT INTO user_tbl(User_id,F_name,L_name,Contact_no,Gender,Address,Taxi_id) VALUES ('039oq37','Maisie','Petch',-6351,'Female','40 Oakridge Way','3449zn');# 1 row(s) affected.

INSERT INTO user_tbl(User_id,F_name,L_name,Contact_no,Gender,Address,Taxi_id) VALUES ('408iy04','Orlando','Thebeaud',-1865,'Female','36049 Glacier Hill Hill','0081xk');# 1 row(s) affected.

INSERT INTO user_tbl(User_id,F_name,L_name,Contact_no,Gender,Address,Taxi_id) VALUES ('806cv90','Lizette','Schaben',-5810,'Female','09 Moose Court','0888qf');# 1 row(s) affected.
```

Run SQL query/queries on database [taxi\\_service\\_database](#): ⚙

```
INSERT INTO user_tbl(User_id,F_name,L_name,Contact_no,Gender,Address,Taxi_id) VALUES ('039oq37','Maisie','Petch',-6351,'Female','40 Oakridge Way','3449zn');# 1 row(s) affected.

INSERT INTO user_tbl(User_id,F_name,L_name,Contact_no,Gender,Address,Taxi_id) VALUES ('408iy04','Orlando','Thebeaud',-1865,'Female','36049 Glacier Hill Hill','0081xk');# 1 row(s) affected.

INSERT INTO user_tbl(User_id,F_name,L_name,Contact_no,Gender,Address,Taxi_id) VALUES ('806cv90','Lizette','Schaben',-5810,'Female','09 Moose Court','0888qf');# 1 row(s) affected.
```

## INSERTING DATA INTO DRIVER

The screenshot shows the MySQL Workbench interface. On the left, the database tree shows 'taxi\_service\_database (5)' with tables: bill\_details, driver, taxi, trip\_details, and user\_tbl. The 'driver' table is selected. On the right, a results grid displays three rows of successfully inserted data into the 'driver' table.

```

Database
taxi_service_database (5) ▾

taxi_service_database (5)

bill_details
driver
taxi
trip_details
user_tbl

Your SQL query has been executed successfully

INSERT INTO driver(Driver_id,F_name,L_name,Contact_no,Gender,Age,Rating) VALUES ('450-zck-520','Estella','Willavoys',919119000000,'Female',45,3.6);# 1 row(s) affected.

INSERT INTO driver(Driver_id,F_name,L_name,Contact_no,Gender,Age,Rating) VALUES ('703-gkd-276','Jaime','Gailor',919053000000,'Female',31,4.8);# 1 row(s) affected.

INSERT INTO driver(Driver_id,F_name,L_name,Contact_no,Gender,Age,Rating) VALUES ('606-jtb-952','Dena','Hilldrup',919242000000,'Male',33,1.1);# 1 row(s) affected.

Run SQL query/queries on database taxi_service_database: ⓘ

INSERT INTO driver(Driver_id,F_name,L_name,Contact_no,Gender,Age,Rating) VALUES ('450-zck-520','Estella','Willavoys',919119000000,'Female',45,3.6);# 1 row(s) affected.

INSERT INTO driver(Driver_id,F_name,L_name,Contact_no,Gender,Age,Rating) VALUES ('703-gkd-276','Jaime','Gailor',919053000000,'Female',31,4.8);# 1 row(s) affected.

INSERT INTO driver(Driver_id,F_name,L_name,Contact_no,Gender,Age,Rating) VALUES ('606-jtb-952','Dena','Hilldrup',919242000000,'Male',33,1.1);# 1 row(s) affected.

```

## INSERTING DATA INTO TRIP\_DETAILS

The screenshot shows the MySQL Workbench interface. On the left, the database tree shows 'taxi\_service\_database (5)' with tables: bill\_details, driver, taxi, trip\_details, and user\_tbl. The 'trip\_details' table is selected. On the right, a results grid displays three rows of successfully inserted data into the 'trip\_details' table.

```

Database
taxi_service_database (5) ▾

taxi_service_database (5)

bill_details
driver
taxi
trip_details
user_tbl

Your SQL query has been executed successfully

INSERT INTO trip_details(Trip_id,Trip_amt,Strt_time,Trip_date,End_time,Driver_id,Usr_id,Taxi_id) VALUES ('159nw01',2753,'2020-07-18 04:47:00','2020-07-18','2020-07-18 00:51:00','450-zck-520','039oq37','3449zn');# 1 row(s) affected.

INSERT INTO trip_details(Trip_id,Trip_amt,Strt_time,Trip_date,End_time,Driver_id,Usr_id,Taxi_id) VALUES ('052vo35',217,'2020-03-12 01:38:00','2020-03-12','2020-03-12 23:37:00','703-gkd-276','408iy04','0081xk');# 1 row(s) affected.

INSERT INTO trip_details(Trip_id,Trip_amt,Strt_time,Trip_date,End_time,Driver_id,Usr_id,Taxi_id) VALUES ('009ur25',337,'2020-07-24 20:10:00','2020-07-24','2020-07-24 00:31:00','606-jtb-952','806cv90','0888qf');# 1 row(s) affected.

Run SQL query/queries on database taxi_service_database: ⓘ

INSERT INTO trip_details(Trip_id,Trip_amt,Strt_time,Trip_date,End_time,Driver_id,Usr_id,Taxi_id) VALUES ('159nw01',2753,'2020-07-18 04:47:00','2020-07-18','2020-07-18 00:51:00','450-zck-520','039oq37','3449zn');# 1 row(s) affected.

INSERT INTO trip_details(Trip_id,Trip_amt,Strt_time,Trip_date,End_time,Driver_id,Usr_id,Taxi_id) VALUES ('052vo35',217,'2020-03-12 01:38:00','2020-03-12','2020-03-12 23:37:00','703-gkd-276','408iy04','0081xk');# 1 row(s) affected.

INSERT INTO trip_details(Trip_id,Trip_amt,Strt_time,Trip_date,End_time,Driver_id,Usr_id,Taxi_id) VALUES ('009ur25',337,'2020-07-24 20:10:00','2020-07-24','2020-07-24 00:31:00','606-jtb-952','806cv90','0888qf');# 1 row(s) affected.

```

## INSERTING DATA INTO BILL\_DETAILS

The screenshot shows the MySQL Workbench interface. On the left, the database tree shows 'taxi\_service\_database (5)' with tables 'bill\_details', 'driver', 'taxi', 'trip\_details', and 'user\_tbl'. The 'bill\_details' table is selected. The main pane displays three successful SQL INSERT statements:

```

    ✓ Your SQL query has been executed successfully

    INSERT INTO bill_details(bill_no,total_amt,discount_percentage,bill_date,Trip_id,Usr_id) VALUES ('615-bv',1906,1,'04-02-2021','159nw01','039oq37');# 1 row(s) affected.

    INSERT INTO bill_details(bill_no,total_amt,discount_percentage,bill_date,Trip_id,Usr_id) VALUES ('541-ts',1499,11,'18-06-2020','052vo35','408iy04');# 1 row(s) affected.

    INSERT INTO bill_details(bill_no,total_amt,discount_percentage,bill_date,Trip_id,Usr_id) VALUES ('779-qh',2188,5,'08-07-2019','009ur25','806cv98');# 1 row(s) affected.
  
```

Below the main pane, there is a section titled 'Run SQL query/queries on database taxi\_service\_database:' with three identical SQL statements.

## INSERTING DATA INTO TAXI

The screenshot shows the MySQL Workbench interface. On the left, the database tree shows 'taxi\_service\_database (5)' with tables 'bill\_details', 'driver', 'taxi', 'trip\_details', and 'user\_tbl'. The 'taxi' table is selected. The main pane displays three successful SQL INSERT statements:

```

    ✓ Your SQL query has been executed successfully

    INSERT INTO taxi(Taxi_id,Taxi_model,Taxi_year,Taxi_type,Registration_no,Driver_id) VALUES ('3449zn','Ford','2019-12-09','Laser','2212et896','450-zck-520');# 1 row(s) affected.

    INSERT INTO taxi(Taxi_id,Taxi_model,Taxi_year,Taxi_type,Registration_no,Driver_id) VALUES ('0081xk','Buick','2017-02-11','Electra','4318fd979','703-gkd-276');# 1 row(s) affected.

    INSERT INTO taxi(Taxi_id,Taxi_model,Taxi_year,Taxi_type,Registration_no,Driver_id) VALUES ('0888qf','Subaru','2015-07-26','Justy','9979uo655','606-jtb-952');# 1 row(s) affected.
  
```

Below the main pane, there is a section titled 'Run SQL query/queries on database taxi\_service\_database:' with three identical SQL statements.

**USER\_TBL**

			Usr_id	F_name	L_name	Contact_no	Gender	Address	Taxi_id
<input type="checkbox"/>			039oq37	Maisie	Petch	91983330203	Female	40 Oakridge Way	3449zn
<input type="checkbox"/>			408iy04	Orlando	Thebeaud	91950702027	Female	36049 Glacier Hill Hill	0081xk
<input type="checkbox"/>			806cv90	Lizette	Schaben	91943028288	Female	09 Moose Court	0888qf
<input type="checkbox"/>			819gr80	Leelah	Zold	91984291408	Female	531 Merrick Pass	4243fg
<input type="checkbox"/>			602th17	Ariel	Lydford	91959198089	Female	440 Transport Alley	1625zp
<input type="checkbox"/>			063vl09	Jenna	Betjes	91911515710	Male	4 Barnett Parkway	1562xq
<input type="checkbox"/>			244jz61	Daffy	Lochead	91944593232	Male	8 Bartelt Hill	5699gf
<input type="checkbox"/>			917pd06	Karlis	de Courcy	91938558143	Male	9 Esker Junction	3362wa
<input type="checkbox"/>			619ax72	Angela	Fassbender	91957820741	Female	49 Maywood Pass	5559xd
<input type="checkbox"/>			351kt16	Patrizius	Paradise	91965650660	Male	0 Debra Street	5973uo
<input type="checkbox"/>			479rf78	Zora	Ronnay	91931180497	Female	807 Spaight Crossing	8886mc
<input type="checkbox"/>			693it78	Chandal	Oldfield	91981111905	Male	3854 Crest Line Terrace	8940tg
<input type="checkbox"/>			906aq57	Bar	Huetson	91953958444	Male	011 Harper Parkway	7211sf
<input type="checkbox"/>			741ks54	Billy	MacGovern	91965770827	Female	848 Susan Alley	1734fp
<input type="checkbox"/>			899sj44	Hilda	Cristofor	91945213099	Female	411 Kipling Crossing	4032ro
<input type="checkbox"/>			146ws26	Mollie	Lambotin	91951801629	Female	05834 North Circle	1064ge
<input type="checkbox"/>			003rm61	Ambros	Ech	91947273862	Male	1143 Warrior Point	9761gi
<input type="checkbox"/>			656ru72	Peyter	Shitliffe	91922844872	Male	58 Monument Terrace	5210vo
<input type="checkbox"/>			165qz39	Jamey	Janczyk	91986878544	Female	09729 Rusk Avenue	0779qj
<input type="checkbox"/>			388tz79	Chariot	Varvell	91936830372	Male	86676 Gale Place	0383lx

**DRIVER**

			Driver_id	F_name	L_name	Gender	Contact_no	Rating	Age
<input type="checkbox"/>			450-zck-520	Estella	Willavoys	Female	919119000000	3.6	45
<input type="checkbox"/>			703-gkd-276	Jaimie	Gailor	Female	919053000000	4.8	31
<input type="checkbox"/>			606-jtb-952	Dena	Hilldrup	Male	919242000000	1.1	33
<input type="checkbox"/>			767-umi-514	Lyndy	Checo	Male	919269000000	2.1	21
<input type="checkbox"/>			301-mmq-150	Muriel	Evreux	Male	919723000000	4.0	27
<input type="checkbox"/>			336-pqa-769	Elden	Povall	Female	919431000000	3.4	47
<input type="checkbox"/>			364-bxt-577	Andriana	Werndly	Female	919404000000	4.6	56
<input type="checkbox"/>			541-rkb-176	Mariele	Otterwell	Female	919037000000	3.6	40
<input type="checkbox"/>			014-wjc-063	Lorne	Regus	Male	919012000000	3.7	47
<input type="checkbox"/>			058-qko-086	Morty	Elman	Female	919319000000	1.3	58
<input type="checkbox"/>			566-exw-099	Portie	Lovett	Female	919865000000	3.1	51
<input type="checkbox"/>			559-nmp-758	Ciro	Glavin	Female	919778000000	3.0	49
<input type="checkbox"/>			894-bbi-461	Teddie	Kruschev	Female	919583000000	2.6	22
<input type="checkbox"/>			669-ehl-544	Odetta	Isack	Female	919106000000	2.4	53
<input type="checkbox"/>			771-cfg-582	Benn	Attreed	Female	919603000000	3.2	42
<input type="checkbox"/>			971-bfk-213	Kippy	Trimmill	Female	919239000000	4.6	37
<input type="checkbox"/>			241-rbe-387	Tonia	Beneteau	Male	919051000000	1.8	54
<input type="checkbox"/>			740-tog-650	Pattie	Pottery	Female	919349000000	3.5	58
<input type="checkbox"/>			613-mye-816	Bridgette	Basley	Female	919160000000	1.2	39
<input type="checkbox"/>			304-put-456	Laughton	Matteotti	Male	919457000000	2.5	23
<input type="checkbox"/>			818-kbd-561	Ira	Storey	Female	919300000000	1.4	49

**TRIP\_DETAILS**

	 	Trip_id	Trip_date	Trip_amt	Driver_id	Usr_id	Taxi_id	Strt_time	End_time
<input type="checkbox"/>	 	159nw01	2020-07-18	2753.00	450-zck-520	039oq37	3449zn	2020-07-18 04:47:00	2020-07-18 00:51:00
<input type="checkbox"/>	 	052vo35	2020-03-12	217.00	703-gkd-276	408iy04	0081xk	2020-03-12 01:38:00	2020-03-12 23:37:00
<input type="checkbox"/>	 	009ur25	2020-07-24	337.00	606-jtb-952	806cv90	0888qf	2020-07-24 20:10:00	2020-07-24 00:31:00
<input type="checkbox"/>	 	185ma35	2019-06-07	390.00	767-umi-514	819gr80	4243fg	2019-06-07 23:11:00	2019-06-07 12:11:00
<input type="checkbox"/>	 	109mo45	2019-09-22	2260.00	301-mmq-150	602th17	1625zp	2019-09-22 05:02:00	2019-09-22 17:30:00
<input type="checkbox"/>	 	497xv35	2020-06-21	2331.00	336-pqa-769	063vl09	1562xq	2020-06-21 01:41:00	2020-06-21 19:57:00
<input type="checkbox"/>	 	067uz80	2019-08-08	2816.00	364-bxt-577	244jz61	5699gf	2019-08-08 02:54:00	2019-08-08 14:41:00
<input type="checkbox"/>	 	516np39	2019-10-23	2166.00	541-rkb-176	917pd06	3362wa	2019-10-23 00:37:00	2019-10-23 06:20:00
<input type="checkbox"/>	 	991mu93	2020-12-18	157.00	014-wjc-063	619ax72	5559xd	2020-12-18 11:52:00	2020-12-18 01:07:00
<input type="checkbox"/>	 	211ui21	2019-10-09	1927.00	058-qko-086	351kt16	5973uo	2019-10-09 11:13:00	2019-10-09 14:47:00
<input type="checkbox"/>	 	825dk53	2019-12-30	167.00	566-exw-099	479rf78	8886mc	2019-12-30 04:21:00	2019-12-30 05:38:00
<input type="checkbox"/>	 	658aa51	2019-05-10	1043.00	559-nmp-758	693it78	8940tg	2019-05-10 20:14:00	2019-05-10 17:33:00
<input type="checkbox"/>	 	274vt44	2021-01-09	149.00	894-bbi-461	906aq57	7211sf	2021-01-09 03:01:00	2021-01-09 07:52:00
<input type="checkbox"/>	 	583lx31	2020-12-27	2763.00	669-ehl-544	741ks54	1734fp	2020-12-27 03:42:00	2020-12-27 10:40:00
<input type="checkbox"/>	 	035ik54	2020-12-02	1813.00	771-cfg-582	899sj44	4032ro	2020-12-02 16:29:00	2020-12-02 16:30:00
<input type="checkbox"/>	 	961rh28	2020-04-10	296.00	971-bfk-213	146ws26	1064ge	2020-04-10 20:20:00	2020-04-10 00:32:00
<input type="checkbox"/>	 	931bj97	2020-01-05	2515.00	241-rbe-387	003rm61	9761gi	2020-01-05 18:27:00	2020-01-05 01:18:00
<input type="checkbox"/>	 	775bq27	2019-12-01	1404.00	740-tog-650	656ru72	5210vo	2019-12-01 11:25:00	2019-12-01 13:21:00
<input type="checkbox"/>	 	594og77	2019-06-19	2512.00	613-mye-816	165qz39	0779qj	2019-06-19 18:42:00	2019-06-19 15:53:00
<input type="checkbox"/>	 	962lx38	2019-07-24	652.00	304-put-456	388tz79	0383lx	2019-07-24 16:47:00	2019-07-24 14:40:00

**BILL\_DETAILS**

			Bill_no	Bill_date	discount_percentage	Total_amt	Usr_id	Trip_id
<input type="checkbox"/>			615-bv	2021-02-04	1.00	1906.00	039oq37	159nw01
<input type="checkbox"/>			541-ts	2020-06-18	11.00	1499.00	408iy04	052vo35
<input type="checkbox"/>			779-qh	2019-07-08	5.00	2188.00	806cv90	009ur25
<input type="checkbox"/>			068-ua	2020-03-19	25.00	1266.00	819gr80	185ma35
<input type="checkbox"/>			336-lv	2020-01-10	11.00	1415.00	602th17	109mo45
<input type="checkbox"/>			228-tx	2020-01-04	9.00	1844.00	063vl09	497xv35
<input type="checkbox"/>			302-tw	2020-09-08	11.00	344.00	244jz61	067uz80
<input type="checkbox"/>			194-lu	2021-01-05	7.00	1654.00	917pd06	516np39
<input type="checkbox"/>			107-gb	2020-04-04	22.00	674.00	619ax72	991mu93
<input type="checkbox"/>			614-mg	2020-12-06	27.00	2601.00	351kt16	211ui21
<input type="checkbox"/>			647-lu	2020-06-30	12.00	357.00	479rf78	825dk53
<input type="checkbox"/>			045-by	2019-08-20	14.00	2873.00	693it78	658aa51
<input type="checkbox"/>			673-kx	2020-10-15	15.00	666.00	906aq57	274vt44
<input type="checkbox"/>			414-er	2020-07-24	3.00	859.00	741ks54	583lx31
<input type="checkbox"/>			465-sz	2021-02-26	32.00	2409.00	899sj44	035ik54
<input type="checkbox"/>			975-hy	2019-08-28	3.00	1345.00	146ws26	961rh28
<input type="checkbox"/>			135-nb	2021-01-06	29.00	2946.00	003rm61	931bj97
<input type="checkbox"/>			517-iv	2020-04-23	34.00	1241.00	656ru72	775bq27
<input type="checkbox"/>			637-su	2020-07-13	38.00	2704.00	165qz39	594og77
<input type="checkbox"/>			637-by	2020-04-15	4.00	1130.00	388tz79	962lx38

**TAXI**

			Taxi_id	Registration_no	Taxi_Model	Taxi_Year	Taxi_type	Driver_id
<input type="checkbox"/>			3449zn	2212et896	Ford	2019-12-09	Laser	450-zck-520
<input type="checkbox"/>			0081xk	4318fd979	Buick	2017-02-11	Electra	703-gkd-276
<input type="checkbox"/>			0888qf	9979uo655	Subaru	2015-07-26	Justy	606-jtb-952
<input type="checkbox"/>			4243fg	1682rw115	Ford	2017-04-15	F-Series	767-umi-514
<input type="checkbox"/>			1625zp	6989rb042	Chevrolet	2016-08-30	Colorado	301-mmq-150
<input type="checkbox"/>			1562xq	8901bl180	Cadillac	2020-09-21	Catera	336-pqa-769
<input type="checkbox"/>			5699gf	8538lp281	Lexus	2017-10-17	ES	364-bxt-577
<input type="checkbox"/>			3362wa	2121om233	Pontiac	2017-11-25	Grand Prix	541-rkb-176
<input type="checkbox"/>			5559xd	1699ps110	Maserati	2020-03-07	Quattroporte	014-wjc-063
<input type="checkbox"/>			5973uo	5633ny445	Mercedes-Benz	2020-11-09	SL-Class	058-qko-086
<input type="checkbox"/>			8886mc	9789zb103	GMC	2019-05-18	Sierra 3500	566-exw-099
<input type="checkbox"/>			8940tg	9519di254	Mercedes-Benz	2017-05-15	600SL	559-nmp-758
<input type="checkbox"/>			7211sf	3291ru508	Mitsubishi	2016-04-03	Diamante	894-bbi-461
<input type="checkbox"/>			1734fp	2348wm896	Porsche	2015-08-22	Carrera	669-ehl-544
<input type="checkbox"/>			4032ro	9817sf925	Chevrolet	2016-01-27	G-Series G20	771-cfg-582
<input type="checkbox"/>			1064ge	5083gt037	Plymouth	2015-07-13	Sundance	971-bfk-213
<input type="checkbox"/>			9761gi	4194gl092	Chevrolet	2016-10-19	Avalanche	241-rbe-387
<input type="checkbox"/>			5210vo	0690ov553	Buick	2020-12-08	LaCrosse	740-tog-650
<input type="checkbox"/>			0779qj	0319bn635	Dodge	2018-07-16	Ram 1500	613-mye-816
<input type="checkbox"/>			0383lx	2688bk162	Ford	2020-08-09	Taurus	304-put-456

## UPDATING DATA

The screenshot shows the MySQL Workbench interface with two query panes.

**Query 1:**

```
1 row(s) affected. ( Query took 0.0117 sec )
UPDATE driver SET Contact_no = '919883536761' WHERE Driver_id = '014-wjc-063'
```

**Query 2:**

```
Run SQL query/queries on database taxi_service_database: ⓘ
update driver
set Contact_no='919883536761' where Driver_id = '014-wjc-063'
```

**Query 3:**

```
✓ Your SQL query has been executed successfully ( Query took 0.0474 sec )
ALTER TABLE trip_details DROP COLUMN Trip_amt
```

**Query 4:**

```
Run SQL query/queries on database taxi_service_database: ⓘ
alter table trip_details
drop column Trip_amt
```

Your SQL query has been executed successfully ( Query took 0.0307 sec )

```
ALTER TABLE taxi ADD STATUS VARCHAR( 20 )
```

Run SQL query/queries on database **taxi\_service\_database**: [?](#)

```
alter table taxi
add status varchar(20)
```

## DELETING DATA

Database  
taxi\_service\_database (5)

- bill\_details
- driver
- taxi
- trip\_details
- user\_tbl**

1 row(s) deleted. ( Query took 0.0007 sec )

```
DELETE FROM user_tbl WHERE Usr_id = '806cv90'
```

Run SQL query/queries on database **taxi\_service\_database**: [?](#)

```
delete from user_tbl
where Usr_id='806cv90'
```

## TRUNCATE TABLE

The screenshot shows the MySQL Workbench interface. On the left, the database tree shows 'taxi\_service\_database (6)' containing tables: bill\_details, customer\_service, driver, taxi (which is selected), trip\_details, and user\_tbl. In the main pane, a successful execution message is displayed: 'Your SQL query has been executed successfully (Query took 0.0233 sec)'. Below it, the query 'TRUNCATE TABLE taxi;' is shown.

Run SQL query/queries on database **taxi\_service\_database**: [?](#)

```
truncate table taxi
```

## RENAME TABLE

The screenshot shows the MySQL Workbench interface. On the left, the database tree shows 'taxi\_service\_database (6)' containing tables: bill\_details, driver, feedback, taxi, trip\_details, and user\_tbl. In the main pane, a successful execution message is displayed: 'Your SQL query has been executed successfully (Query took 0.0040 sec)'. Below it, the query 'ALTER TABLE customer\_service RENAME TO feedback;' is shown.

Run SQL query/queries on database **taxi\_service\_database**: [?](#)

```
ALTER TABLE customer_service
RENAME TO feedback
```

## DROP TABLE

The screenshot shows the MySQL Workbench interface. On the left, the database tree shows 'taxi\_service\_database (5)' containing tables: bill\_details, driver, taxi, trip\_details, and user\_tbl. In the main pane, a successful execution message is displayed: 'Your SQL query has been executed successfully (Query took 0.0120 sec)'. Below it, the query 'DROP TABLE feedback;' is shown.

Run SQL query/queries on database **taxi\_service\_database**: [?](#)

```
drop table feedback
```

## PERFORMING SIMPLE QUERIES

Showing rows 0 - 14 (15 total, Query took 0.0008 sec)

```
SELECT *
FROM driver
WHERE Gender = 'Female'
LIMIT 0 , 30
```

Show : 30 row(s) starting from record # 0  
in horizontal mode and repeat headers after 100 cells  
Sort by key: None

+ Options

	Driver_id	F_name	L_name	Gender	Contact_no	Rating	Age
<input type="checkbox"/>	450-zck-520	Estella	Willavoys	Female	919119000000	3.6	45
<input type="checkbox"/>	703-gkd-276	Jaimie	Gailor	Female	919053000000	4.8	31
<input type="checkbox"/>	336-pqa-769	Elden	Povall	Female	919431000000	3.4	47
<input type="checkbox"/>	364-bxt-577	Andriana	Werndly	Female	919404000000	4.6	56
<input type="checkbox"/>	541-rkb-176	Mariele	Otterwell	Female	919037000000	3.6	40
<input type="checkbox"/>	058-qko-086	Morty	Elman	Female	919319000000	1.3	58
<input type="checkbox"/>	566-exw-099	Portie	Lovett	Female	919865000000	3.1	51
<input type="checkbox"/>	559-nmp-758	Ciro	Glavin	Female	919778000000	3.0	49
<input type="checkbox"/>	894-bbi-461	Teddie	Kruschev	Female	919583000000	2.6	22
<input type="checkbox"/>	669-ehl-544	Odetta	Isack	Female	919106000000	2.4	53
<input type="checkbox"/>	771-cfg-582	Benn	Atreed	Female	919603000000	3.2	42
<input type="checkbox"/>	971-bfk-213	Kippy	Trimmill	Female	919239000000	4.6	37
<input type="checkbox"/>	740-tog-650	Pattie	Pottery	Female	919349000000	3.5	58
<input type="checkbox"/>	613-mye-816	Bridgette	Basley	Female	919160000000	1.2	39
<input type="checkbox"/>	818-kbd-561	Ira	Storey	Female	919300000000	1.4	49

Showing rows 0 - 19 (20 total, Query took 0.0005 sec)

```
SELECT *
FROM bill_details
ORDER BY Total_amt
LIMIT 0 , 30
```

Show :  row(s) starting from record #   
in  mode and repeat headers after  cells  
Sort by key:

+ Options

			Bill_no	Bill_date	discount_percentage	Total_amt	Usr_id	Trip_id
<input type="checkbox"/>			302-tw	2020-09-08	11.00	344.00	244jz61	067uz80
<input type="checkbox"/>			647-lu	2020-06-30	12.00	357.00	479rf78	825dk53
<input type="checkbox"/>			673-kx	2020-10-15	15.00	666.00	906aq57	274vt44
<input type="checkbox"/>			107-gb	2020-04-04	22.00	674.00	619ax72	991mu93
<input type="checkbox"/>			414-er	2020-07-24	3.00	859.00	741ks54	583lx31
<input type="checkbox"/>			637-by	2020-04-15	4.00	1130.00	388tz79	962lx38
<input type="checkbox"/>			517-iv	2020-04-23	34.00	1241.00	656ru72	775bq27
<input type="checkbox"/>			068-ua	2020-03-19	25.00	1266.00	819gr80	185ma35
<input type="checkbox"/>			975-hy	2019-08-28	3.00	1345.00	146ws26	961rh28
<input type="checkbox"/>			336-lv	2020-01-10	11.00	1415.00	602th17	109mo45
<input type="checkbox"/>			541-ts	2020-06-18	11.00	1499.00	408iy04	052vo35
<input type="checkbox"/>			194-lu	2021-01-05	7.00	1654.00	917pd06	516np39
<input type="checkbox"/>			228-tx	2020-01-04	9.00	1844.00	063vl09	497xv35
<input type="checkbox"/>			615-bv	2021-02-04	1.00	1906.00	039oq37	159nw01
<input type="checkbox"/>			779-qh	2019-07-08	5.00	2188.00	806cv90	009ur25
<input type="checkbox"/>			465-sz	2021-02-26	32.00	2409.00	899sj44	035ik54
<input type="checkbox"/>			614-mg	2020-12-06	27.00	2601.00	351kt16	211ui21
<input type="checkbox"/>			637-su	2020-07-13	38.00	2704.00	165qz39	594og77
<input type="checkbox"/>			045-by	2019-08-20	14.00	2873.00	693it78	658aa51
<input type="checkbox"/>			135-nb	2021-01-06	29.00	2946.00	003rm61	931bj97

Your SQL query has been executed successfully ( Query took 0.1658 sec )

```
ALTER TABLE user_tbl MODIFY COLUMN Address VARCHAR( 30 )
```

Run SQL query/queries on database **taxiservice\_database**: [?](#)

```
alter table user_tbl modify column Address varchar(30)
```

## AGGREGATE FUNCTIONS:-

### MIN

The screenshot shows the MySQL Workbench interface. On the left, the database tree is visible with 'taxi\_service\_database (5)' selected. Underneath, the tables 'bill\_details', 'driver', 'taxi', 'trip\_details', and 'user\_tbl' are listed, with 'bill\_details' currently highlighted. The main pane displays the results of a query:

```
Showing rows 0 - 0 (1 total, Query took 0.0043 sec)
SELECT MIN( Total_amt )
FROM bill_details
```

Below the results, there are options to change the display settings:

- Show : 30 row(s) starting from record # 0
- in horizontal mode and repeat headers after 100 cells

Under '+ Options', the result of the MIN function is shown:

```
min(Total_amt)
344.00
```

Below this, another set of display options is provided:

- Show : 30 row(s) starting from record # 0
- in horizontal mode and repeat headers after 100 cells

**MAX**

The screenshot shows the MySQL Workbench interface. On the left, the database tree is visible with 'taxi\_service\_database (5)' selected. Under it, the 'bill\_details' table is highlighted. The main pane displays the results of a query:

```
SELECT MAX( Total_amt )
FROM bill_details
```

The results show:

Show : 30 row(s) starting from record  
in horizontal mode and repeat headers

+ Options

**MAX( Total\_amt )**  
2946.00

**AGGREGATE FUNCTIONS (group by and having clause)**

The screenshot shows the MySQL Workbench interface. The main pane displays the results of a query:

```
SELECT *
FROM bill_details
HAVING bill_date > '2020-06-05'
LIMIT 0 , 30
```

The results show:

Show : 30 row(s) starting from record # 0  
in horizontal mode and repeat headers after 100 cells

Sort by key: None

+ Options

	Bill_no	Bill_date	discount_percentage	Total_amt	Usr_id	Trip_id
<input type="checkbox"/>	615-bv	2021-02-04	1.00	1906.00	039oq37	159nw01
<input type="checkbox"/>	541-ts	2020-06-18	11.00	1499.00	408iy04	052vo35
<input type="checkbox"/>	302-tw	2020-09-08	11.00	344.00	244jz61	067uz80
<input type="checkbox"/>	194-lu	2021-01-05	7.00	1654.00	917pd06	516np39
<input type="checkbox"/>	614-mg	2020-12-06	27.00	2601.00	351kt16	211ui21
<input type="checkbox"/>	647-lu	2020-06-30	12.00	357.00	479rf78	825dk53
<input type="checkbox"/>	673-kx	2020-10-15	15.00	666.00	906aq57	274vt44
<input type="checkbox"/>	414-er	2020-07-24	3.00	859.00	741ks54	583lx31
<input type="checkbox"/>	465-sz	2021-02-26	32.00	2409.00	899sj44	035ik54
<input type="checkbox"/>	135-nb	2021-01-06	29.00	2946.00	003rm61	931bj97
<input type="checkbox"/>	637-su	2020-07-13	38.00	2704.00	165qz39	594og77

Showing rows 0 - 0 (1 total, Query took 0.0014 sec)

```
SELECT Gender, COUNT( * )
FROM driver
GROUP BY Gender
HAVING COUNT( * ) >10
LIMIT 0 , 30
```

Show :  row(s) starting from record #   
in  mode and repeat headers after  cells

+ Options

Gender	count(*)
Female	15

Showing rows 0 - 1 (2 total, Query took 0.0007 sec)

```
SELECT Gender, COUNT( * )
FROM driver
GROUP BY Gender
LIMIT 0 , 30
```

Show :  row(s) starting from record #   
in  mode and repeat headers after  cells

Sort by key:

+ Options

Gender	count(*)
Female	15
Male	6

Showing rows 0 - 1 (2 total, Query took 0.0007 sec)

```
SELECT COUNT( * )
FROM driver
GROUP BY Gender
LIMIT 0 , 30
```

Show : 30 row(s) starting from record # 0  
in horizontal mode and repeat headers after 100 cells  
Sort by key: None

+ Options

count(*)
15
6

## DATE FUNCTION

Database  
taxi\_service\_database (5) ▾

**taxi\_service\_database (5)**

- bill\_details
- driver
- taxi
- trip\_details
- user\_tbl

Showing rows 0 - 0 (1 total, Query took 0.0004 sec)

```
SELECT DATEDIFF( '2020-07-24' , '2019-06-07' ) AS DateDiff
```

Show : 30 row(s) starting from record # 0  
in horizontal mode and repeat headers after 100 cells  
Sort by key: None

+ Options

DateDiff
413

## STRING FUNCTION

Database  
taxi\_service\_database (5)

taxi\_service\_database (5)

- bill\_details
- driver
- taxi
- trip\_details
- user\_tbl

Showing rows 0 - 0 (1 total, Query took 0.0008 sec)

```
SELECT CHAR_LENGTH( "2212et896" )
```

Show : 30 row(s) starting from record #

in horizontal mode and repeat header

+ Options

CHAR_LENGTH("2212et896")
9

## MATH FUNCTION

Showing rows 0 - 20 (21 total, Query took 0.0007 sec)

```
SELECT Rating, ROUND( Rating, 0 ) AS RoundedRating  
FROM driver  
LIMIT 0 , 30
```

Show :

30

row(s) starting from record #

in horizontal



mode and repeat header

Sort by key: None



+ Options

Rating	RoundedRating
3.6	4
4.8	5
1.1	1
2.1	2
4.0	4
3.4	3
4.6	5
3.6	4
3.7	4
1.3	1
3.1	3
3.0	3
2.6	3
2.4	2
3.2	3
4.6	5
1.8	2
3.5	4
1.2	1
2.5	3
1.4	1

**INNER JOIN**

Showing rows 0 - 19 (20 total, Query took 0.0011 sec)

```
SELECT taxi.Taxi_type, taxi.Registration_no, trip_details.Driver_id
FROM taxi
INNER JOIN trip_details ON taxi.Taxi_id = trip_details.taxis_id
LIMIT 0 , 30
```

Show :  row(s) starting from record #   
 in  mode and repeat headers after  cells

+ Options

Taxi_type	Registration_no	Driver_id
Laser	2212et896	450-zck-520
Electra	4318fd979	703-gkd-276
Justy	9979uo655	606-jtb-952
F-Series	1682rw115	767-umi-514
Colorado	6989rb042	301-mmq-150
Catera	8901bl180	336-pqa-769
ES	8538lp281	364-bxt-577
Grand Prix	2121om233	541-rkb-176
Quattroporte	1699ps110	014-wjc-063
SL-Class	5633ny445	058-qko-086
Sierra 3500	9789zb103	566-exw-099
600SL	9519di254	559-nmp-758
Diamante	3291ru508	894-bbi-461
Carrera	2348wm896	669-ehl-544
G-Series G20	9817sf925	771-cfg-582
Sundance	5083gt037	971-bfk-213
Avalanche	4194gl092	241-rbe-387
LaCrosse	0690ov553	740-tog-650
Ram 1500	0319bn635	613-mye-816
Taurus	2688bk162	304-put-456

**LEFT (OUTER) JOIN**

Showing rows 0 - 19 (20 total, Query took 0.0027 sec)

```
SELECT taxi.Registration_no, taxi.Taxi_Model, trip_details.Driver_id
FROM taxi
LEFT JOIN trip_details ON trip_details.Taxi_id = taxi.Taxi_id
ORDER BY taxi.Taxi_Year
LIMIT 0 , 30
```

Show :  row(s) starting from record #   
 in  mode and repeat headers after  cells

+ Options

Registration_no	Taxi_Model	Driver_id
5083gt037	Plymouth	971-bfk-213
9979uo655	Subaru	606-jtb-952
2348wm896	Porsche	669-ehl-544
9817sf925	Chevrolet	771-cfg-582
3291ru508	Mitsubishi	894-bbi-461
6989rb042	Chevrolet	301-mmq-150
4194gl092	Chevrolet	241-rbe-387
4318fd979	Buick	703-gkd-276
1682rw115	Ford	767-umi-514
9519di254	Mercedes-Benz	559-nmp-758
8538lp281	Lexus	364-bxt-577
2121om233	Pontiac	541-rkb-176
0319bn635	Dodge	613-mye-816
9789zb103	GMC	566-exw-099
2212et896	Ford	450-zck-520
1699ps110	Maserati	014-wjc-063
2688bk162	Ford	304-put-456
8901bl180	Cadillac	336-pqa-769
5633ny445	Mercedes-Benz	058-qko-086
0690ov553	Buick	740-tog-650

**RIGHT (OUTER) JOIN**

Showing rows 0 - 19 (20 total, Query took 0.0031 sec)

```
SELECT driver.Rating, driver.L_name, trip_details.trip_id
FROM driver
RIGHT JOIN trip_details ON trip_details.Driver_id = driver.Driver_id
ORDER BY driver.age
LIMIT 0 , 30
```

Show :  row(s) starting from record #   
 in  mode and repeat headers after  cells

+ Options

Rating	L_name	trip_id
2.1	Checo	185ma35
2.6	Kruschev	274vt44
2.5	Matteotti	962lx38
4.0	Evreux	109mo45
4.8	Gailor	052vo35
1.1	Hilldrup	009ur25
4.6	Trimmill	961rh28
1.2	Basley	594og77
3.6	Otterwell	516np39
3.2	Attreed	035ik54
3.6	Willavoys	159nw01
3.4	Povall	497xv35
3.7	Regus	991mu93
3.0	Glavin	658aa51
3.1	Lovett	825dk53
2.4	Isack	583lx31
1.8	Beneteau	931bj97
4.6	Werndly	067uz80
1.3	Elman	211ui21
3.5	Pottery	775bq27

## FULL (OUTER) JOIN USING UNION

Showing rows 0 - 20 (21 total, Query took 0.0016 sec)

```

SELECT *
FROM driver
LEFT OUTER JOIN trip_details ON driver.Driver_id = trip_details.Driver_id
UNION
SELECT *
FROM driver
RIGHT OUTER JOIN trip_details ON driver.Driver_id = trip_details.Driver_id
LIMIT 0 , 30

```

Profiling [ Edit ] [ Explain SQL ] [ Create PHP Code ] [ Refresh ]

Show : 30 row(s) starting from record # 0  
in horizontal mode and repeat headers after 100 cells

+ Options

Driver_id	F_name	L_name	Gender	Contact_no	Rating	Age	Trip_id	Trip_date	Driver_id	Usr_id	Taxi_id	Strt_time	End_time
450-zck-520	Estella	Willavoys	Female	919119000000	3.6	45	159nw01	2020-07-18	450-zck-520	039oq37	3449zn	2020-07-18 04:47:00	2020-07-18 00:51:00
703-gkd-276	Jaimie	Gailor	Female	919053000000	4.8	31	052vo35	2020-03-12	703-gkd-276	408iy04	0081xk	2020-03-12 01:38:00	2020-03-12 23:37:00
606-jtb-952	Dena	Hilldrup	Male	919242000000	1.1	33	009ur25	2020-07-24	606-jtb-952	806cv90	0888qf	2020-07-24 20:10:00	2020-07-24 00:31:00
767-uml-514	Lyndy	Checo	Male	919269000000	2.1	21	185ma35	2019-06-07	767-uml-514	819gr80	4243fg	2019-06-07 23:11:00	2019-06-07 12:11:00
301-mmq-150	Muriel	Evreux	Male	919723000000	4.0	27	109mo45	2019-09-22	301-mmq-150	602th17	1625zp	2019-09-22 05:02:00	2019-09-22 17:30:00
336-pqa-769	Elden	Povall	Female	919431000000	3.4	47	497xv35	2020-06-21	336-pqa-769	063vl09	1562xq	2020-06-21 01:41:00	2020-06-21 19:57:00
364-bxt-577	Andriana	Werndly	Female	919404000000	4.6	56	067uz80	2019-08-08	364-bxt-577	244jz61	5699gf	2019-08-08 02:54:00	2019-08-08 14:41:00
541-rkb-176	Mariele	Otterwell	Female	919037000000	3.6	40	516np39	2019-10-23	541-rkb-176	917pd06	3362wa	2019-10-23 00:37:00	2019-10-23 06:20:00
014-wjc-063	Lorne	Regus	Male	919883536761	3.7	47	991mu93	2020-12-18	014-wjc-063	619ax72	5559xd	2020-12-18 11:52:00	2020-12-18 01:07:00
058-qko-086	Morty	Elman	Female	919319000000	1.3	58	211ui21	2019-10-09	058-qko-086	351kt16	5973uo	2019-10-09 11:13:00	2019-10-09 14:47:00
566-exw-099	Portie	Lovett	Female	919865000000	3.1	51	825dk53	2019-12-30	566-exw-099	479rf78	8886mc	2019-12-30 04:21:00	2019-12-30 05:38:00
559-nmp-758	Ciro	Glavin	Female	919778000000	3.0	49	658aa51	2019-05-10	559-nmp-758	693it78	8940tg	2019-05-10 20:14:00	2019-05-10 17:33:00
894-bbi-461	Teddie	Kruschev	Female	919583000000	2.6	22	274vt44	2021-01-09	894-bbi-461	906aq57	7211sf	2021-01-09 03:01:00	2021-01-09 07:52:00
669-ehl-544	Odetta	Isack	Female	919106000000	2.4	53	583lx31	2020-12-27	669-ehl-544	741ks54	1734fp	2020-12-27 03:42:00	2020-12-27 10:40:00
771-cfg-582	Benn	Attreed	Female	919603000000	3.2	42	035ik54	2020-12-02	771-cfg-582	899sj44	4032ro	2020-12-02 16:29:00	2020-12-02 16:30:00
971-bfk-213	Kippy	Trimmill	Female	919239000000	4.6	37	961rh28	2020-04-10	971-bfk-213	146ws26	1064ge	2020-04-10 20:20:00	2020-04-10 00:32:00
241-rbe-387	Tonia	Beneteau	Male	919051000000	1.8	54	931bj97	2020-01-05	241-rbe-387	003rm61	9761gi	2020-01-05 18:27:00	2020-01-05 01:18:00
740-tog-650	Pattie	Pottery	Female	919349000000	3.5	58	775bq27	2019-12-01	740-tog-650	656ru72	5210vo	2019-12-01 11:25:00	2019-12-01 13:21:00
613-mye-816	Bridgette	Basley	Female	919160000000	1.2	39	594og77	2019-06-19	613-mye-816	165qz39	0779qj	2019-06-19 18:42:00	2019-06-19 15:53:00
304-put-456	Laughton	Matteotti	Male	919457000000	2.5	23	962lx38	2019-07-24	304-put-456	388tz79	0383lx	2019-07-24 16:47:00	2019-07-24 14:40:00
818-kbd-561	Ira	Storey	Female	919300000000	1.4	49	NULL	NULL	NULL	NULL	NULL	NULL	NULL

## IN CLAUSE

Showing rows 0 - 4 (5 total, Query took 0.0017 sec)

```
SELECT *
FROM bill_details
WHERE discount_percentage
IN (
    '11.00', '25.00', '4.00'
)
LIMIT 0 , 30
```

Show : 30 row(s) starting from record # 0  
in horizontal mode and repeat headers after 100 cells  
Sort by key: None

+ Options

	Bill_no	Bill_date	discount_percentage	Total_amt	Usr_id	Trip_id
<input type="checkbox"/>	541-ts	2020-06-18	11.00	1499.00	408iy04	052vo35
<input type="checkbox"/>	068-ua	2020-03-19	25.00	1266.00	819gr80	185ma35
<input type="checkbox"/>	336-lv	2020-01-10	11.00	1415.00	602th17	109mo45
<input type="checkbox"/>	302-tw	2020-09-08	11.00	344.00	244jz61	067uz80
<input type="checkbox"/>	637-by	2020-04-15	4.00	1130.00	388tz79	962lx38

## EXISTS CLAUSE

Showing rows 0 - 4 (5 total, Query took 0.0032 sec)

```
SELECT Address
FROM user_tbl
WHERE EXISTS (
    SELECT Bill_no
    FROM bill_details
    WHERE bill_details.Usr_id = user_tbl.Usr_id
    AND Total_amt < 1000.00
)
LIMIT 0 , 30
```

Show : 30 row(s) starting from record # 0  
in horizontal mode and repeat headers after 100 cells  
Sort by key: None

+ Options

	Address
<input type="checkbox"/>	8 Bartelt Hill
<input type="checkbox"/>	49 Maywood Pass
<input type="checkbox"/>	807 Spaight Crossing
<input type="checkbox"/>	011 Harper Parkway
<input type="checkbox"/>	848 Susan Alley

## CREATING VIEW (WITHOUT CHECK)

Run SQL query/queries on database **taxiservice\_database**: [?](#)

```
CREATE VIEW female_customers AS
SELECT L_name, Contact_no
FROM user_tbl
WHERE Gender = 'Female';
```

		L_name	Contact_no
<input type="checkbox"/>		X	Petch 91983330203
<input type="checkbox"/>		X	Thebeaud 91950702027
<input type="checkbox"/>		X	Zold 91984291408
<input type="checkbox"/>		X	Lydford 91959198089
<input type="checkbox"/>		X	Fassbender 91957820741
<input type="checkbox"/>		X	Ronnay 91931180497
<input type="checkbox"/>		X	MacGovern 91965770827
<input type="checkbox"/>		X	Cristofor 91945213099
<input type="checkbox"/>		X	Lambotin 91951801629
<input type="checkbox"/>		X	Janczyk 91986878544

## CREATING VIEW (WITH CHECK)

Your SQL query has been executed successfully ( Query took 0.0063 sec )

```
CREATE VIEW male_customers AS SELECT L_name, Contact_no
FROM user_tbl
WHERE Gender = 'Male'
WITH CHECK OPTION
```

[ Edit ] [ Create PHP Code ]

Run SQL query/queries on database **taxiservice\_database**: [?](#)

```
CREATE VIEW male_customers AS
SELECT L_name, Contact_no
FROM user_tbl
WHERE Gender = 'Male'
WITH CHECK OPTION
```

Showing rows 0 - ... <sup>1</sup> (Query took 0.0005 sec)

```
SELECT *
FROM `male_customers`
LIMIT 0 , 30
```

Profiling [ Edit ] [ Explain SQL ] [ Create PHP ]

Show : 30 row(s) starting from record # 0  
in horizontal mode and repeat head  
100 cells

+ Options

		L_name	Contact_no
<input type="checkbox"/>		X Betjes	91911515710
<input type="checkbox"/>		X Lochead	91944593232
<input type="checkbox"/>		X de Courcy	91938558143
<input type="checkbox"/>		X Paradise	91965650660
<input type="checkbox"/>		X Oldfield	91981111905
<input type="checkbox"/>		X Huetson	91953958444
<input type="checkbox"/>		X Ech	91947273862
<input type="checkbox"/>		X Shitliffe	91922844872
<input type="checkbox"/>		X Varvell	91936830372

## DROPPING VIEW

Database  
taxi\_service\_database (7)

taxi\_service\_database (7)

- bill\_details
- driver
- female\_customers
- male\_customers
- taxi
- trip\_details
- user\_tbl

STRUCTURE SQL Search Query Export Import Des

Your SQL query has been executed successfully ( Query took 0.0007 sec )

```
DROP VIEW female_customers_1
```

Run SQL query/queries on database taxi\_service\_database: ?

```
DROP VIEW female_customers_1
```

Bookmark this SQL query:   Let every user access th

[ Delimiter : ; ]  Show this query here again

## SELECTING FROM VIEW

Showing rows 0 - ... <sup>1</sup> (Query took 0.0005 sec)

```
SELECT L_name  
FROM female_customers  
LIMIT 0 , 30
```

Show :  row(s) starting from record  
in  mode and repeat

+ Options

			L_name
<input type="checkbox"/>			Petch
<input type="checkbox"/>			Thebeaud
<input type="checkbox"/>			Zold
<input type="checkbox"/>			Lydford
<input type="checkbox"/>			Fassbender
<input type="checkbox"/>			Ronnay
<input type="checkbox"/>			MacGovern
<input type="checkbox"/>			Cristofor
<input type="checkbox"/>			Lambotin
<input type="checkbox"/>			Janczyk

**Made by-**  
**Gaurang Gupta 2019UEE5142**  
**Netaji Subhas University of Technology**  
**Electrical Engineering**