

A few queries using multiple tables for demonstration on a small Lyft trip dataset.

//This was using SQLite, concat function for MySql would be concat(riders.first,riders.last) as name

```
SELECT riders.first||' '||riders.last AS name, riders.username, trips.date,  
trips.pickup,trips.dropoff  
FROM trips  
LEFT JOIN riders  
ON riders.id = trips.rider_id;
```

```
SELECT* from riders  
UNION  
SELECT * from riders2
```

name	username	date	pickup	dropoff
Laura Breiman	@lauracle	2017-12-05	06:45	07:10
Sonny Li	@sonnynomnom	2017-12-05	08:00	08:15
Yakov Kagan	@yakovkagan	2017-12-05	09:30	09:50
		2017-12-05	13:40	14:05
Kassa Korley	@kassablanca	2017-12-05	15:15	16:00
Sonny Li	@sonnynomnom	2017-12-05	18:20	18:55

first	last	username
Eric	Vaught	@posturelol
Jilly	Beans	@jillkuzmin
Kassa	Korley	@kassablanca
Laura	Breiman	@lauracle
Sonny	Li	@sonnynomnom
Yakov	Kagan	@yakovkagan

Zach	Sims	@zsims
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More queries for data context.

```
SELECTt AVG(cost)AS average_cost
FROM trips;
```

```
SELECT username, sum(total_trips)AS total_amt_of_trips
FROM riders
GROUP BY username
HAVING total_trips < 500;
```

```
SELECT status,count(id) AS amt
FROM cars
GROUP BY status
HAVING status = 'active';
```

```
SELECT *
FROM cars
ORDER BY trips_completed desc
LIMIT 5;
```

average_cost
31.915

username	total_amt_of_trips
@kassablanca	42
@sonnynomnom	352

status	amt
active	3

id	model	OS	status	trips_completed
3	Turing XL	Ryzac	active	164
1	Ada	Ryzac	active	82

2	Ada	Ryzac	active	30
4	Akira	Finux	maintenance	22