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 |

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 |