

# MySQL Databases and Queries Screenshots

Database – silver\_db

Table – delivery\_data\_silver

Note : The silver table is directly created from PySpark Notebook

```
1 • use silver_db;
2
3 • select*from delivery_data_silver;
```

delivery_id	vehide_id	vehide_type	driver_name	rating	route_name	distance	delivery_time	distance_covered	delivery_status	fuel_consumed
5	383	Truck	Joseph Wilson	4.2	New Rogerton to North Jennifer	693	12	84.86	Failed	6.547839533994;
6	313	Van	Elizabeth Stout	1.4	North Susan to Bellport	372	12	500	Completed	37.09198939016;
52	405	Car	Mr. Patrick Adams III	1.4	North John to Robinbury	121	4.72	500	Completed	50.70994091378;
93	311	Van	Mrs. Lisa Clark	4.9	South Tylerchester to Luisland	470	12	500	Failed	57.40528103446;
130	100	Truck	Alexander Marsh	3.8	Joshuabury to Nicolestad	898	12	500	Failed	62.11179977057;
145	256	Truck	Darlene Turner	1.2	Haasland to East Scottville	60	5.84	141.12	Failed	11.28959960937;
152	302	Van	Albert Lynch	2.2	West Robert to South Andrew	763	3.38	147.51	Completed	14.02186198556;
166	8	Car	Michael Bell	1	East Edwinfort to Lake Josephland	812	1.48	84.71	Failed	6.233259612461;
173	247	Bus	Christopher Hahn	4	Vegamouth to Port Dawnshire	151	4.32	500	Completed	65.96306134994;
175	371	Car	Colleen Russell	1.8	South Rachel to Brettton	214	4.72	162.58	Failed	17.78774570285;
180	231	Van	Robert Callahan	4.8	Port Brendatown to Williamsmouth	927	4.31	500	Failed	61.12469209611;
193	448	Car	Vanessa Gray	2.6	East Nancyville to Amyview	74	12	500	Failed	40.55150065643;
206	472	Bus	Rebecca Flores	4.5	Eridbury to East Jesse	494	4.2	500	Completed	87.71930118089;
222	14	Van	James Mcgrath	4.4	Richardsburgh to South Yesenia	337	12	500	Completed	39.37007933143;
227	150	Bus	Sarah Bennett	1.5	North Amy to Keithburgh	66	3.78	149.95	Failed	13.60707719776;
230	9	Car	Justin Wells	4.4	Lake John to Martinburgh	837	3.24	131.41	Completed	9.189510623031;
239	289	Car	Ashley Gray	2.1	Lake Nathanville to New Erin	860	12	500	Completed	49.90019732110;
252	315	Truck	Joan Hill	4.6	Mercedesview to South Lisaburgh	131	12	197.14	Completed	18.86507205625;
255	294	Van	Nicole Acosta	4	Michaelborough to East Danielle	872	2.86	500	Failed	53.64807042619;
257	272	Van	Jeffrey Lindsey	3.1	Ryanland to East Elizabeth	899	12	95.66	Failed	11.72303988368;
262	260	Car	Natalie White	4.2	Brandonport to Shannonview	910	12	500	Completed	43.36513543623;
274	290	Truck	Heather Bryant	3.1	Lisaland to Johnshire	495	4.61	500	Failed	48.59086509753;

## Database – Gold\_db

### Table – Transportation\_gold

```
use gold_db;
```

```
CREATE TABLE gold_db.transportation_gold AS
SELECT
    route_name,
    COUNT(*) AS total_deliveries,
    AVG(delivery_time) AS avg_delivery_time,
    AVG(fuel_consumed) AS avg_fuel_consumed,
    vehicle_id,
    SUM(distance_covered) AS total_distance,
    (SUM(distance_covered) / SUM(fuel_consumed)) AS fuel_efficiency,
    driver_name,
    COUNT(DISTINCT delivery_id) AS total_deliveries_by_driver,
    AVG(rating) AS driver_rating,
    CURDATE() AS report_date
FROM silver_db.delivery_data_silver
GROUP BY route_name, vehicle_id, driver_name;
```

### Table Transportation Structure

	Field	Type	Null	Key	Default	Extra
►	my_row_id	bigint unsigned	NO	PRI	NULL	auto_increment INVISIBLE
	route_name	longtext	YES		NULL	
	total_deliveries	bigint	NO		0	
	avg_delivery_time	double	YES		NULL	
	avg_fuel_consumed	double	YES		NULL	
	vehide_id	int	YES		NULL	
	total_distance	double	YES		NULL	
	fuel_efficiency	double	YES		NULL	
	driver_name	longtext	YES		NULL	
	delivery_status	longtext	YES		NULL	
	total_deliveries_by...	bigint	NO		0	
	driver_rating	double	YES		NULL	
	report_date	date	NO		NULL	

