**Altering existing databases and updating data**

SHOW DATABASES;

**USE** **EPDriver**;

**SHOW** TABLES*;*

SHOW COLUMNS FROM trips;

**SELECT** \* **FROM** trips;

SELECT \* FROM trips WHERE trip\_datetime\_end IS NULL;

UPDATE trips

**SET** trip\_datetime\_end *=* *'2015-09-15 23:15:33'*

WHERE *id = 7*;

USE EPDriver

UPDATE trips

SET trip\_total\_fare = 25.00

WHERE trip\_datetime\_end IS NULL;

UPDATE trips

**SET**

trip\_datetime\_end *=* *'2015-09-15 10:42:00',*

trip\_total\_fare *= 60.35*

WHERE *id = 9*;

**SELECT** \* **FROM** trips **WHERE** id = 7 **OR** id = 9;

USE EPDriver

UPDATE trips

SET trip\_datetime\_start = '2015-09-14 00:00:00'

WHERE id < 5;

SELECT \* FROM users;

UPDATE users SET registered\_card = 0;

SELECT \* FROM EPDriver.users;

USE EPDriver

UPDATE users

SET name = ‘John Doe’;

SHOW COLUMNS FROM EPDriver.drivers;

ALTER **TABLE** drivers *CHANGE certified is\_certified\_driver TINYINT(1)*;

ALTER TABLE EPDriver.drivers ADD car\_id INT(10) **NOT** NULL;

SHOW COLUMNS FROM EPDriver.drivers;

USE EPDriver

ALTER TABLE drivers CHANGE name driver\_name VARCHAR(125) NOT NULL;

ALTER TABLE drivers ADD driver\_age TINYINT(2) NOT NULL CHECK (driver\_age >= 0);

RENAME TABLE users **TO** passengers;

SHOW TABLES;

USE EPCars*;*

**SHOW** TABLES*;*

**SHOW** COLUMNS FROM EPCars.cars*;*

ALTER TABLE EPCars.cars

ADD

(total\_kms FLOAT(6,2) **NOT** NULL DEFAULT 00.00,

is\_premium TINYINT(1) UNSIGNED **NOT** NULL DEFAULT 0);

UPDATE cars

**SET**

total\_kms *= 1200.35,*

is\_premium *= 1*

WHERE *model =* *"Volvo S 60"*;

RENAME **TABLE** cars *TO vehicles*;

**UPDATE** EPCars.vehicles

**SET** total\_kms = 7500.00

**WHERE** id **BETWEEN** 1 **AND** 3;

ALTER **TABLE** EPCars.vehicles

CHANGE COLUMN total\_kms

total\_kms FLOAT(10,2);

CREATE DATABASE App;

USE App;

CREATE TABLE settings (

user\_id INT(7) **NOT** NULL,

email\_frequency TINYINT(2) UNSIGNED DEFAULT 15,

layout VARCHAR(70) DEFAULT ‘vertical’,

updated\_at DATETIME DEFAULT NULL,

PRIMARY KEY (user\_id));

INSERT INTO App.settings VALUES (99, DEFAULT, "horizontal", "2015-09-15 04:01:04");

RENAME **TABLE** settings *TO user\_settings*;