

CAB BOOKING

Table Creation



April 16, 2019

DBMS PL/SQL

**1. DRIVER:**

SQL> create table driver(driver\_id int PRIMARY KEY,first\_name varchar(128),last\_name varchar(128),birth\_date date,driving\_licence\_number varchar(128),expiry\_date date,working char(1));

**2. CAR\_MODEL:**

SQL> create table car\_model(model\_name

varchar(64) PRIMARY KEY,model\_description varchar(500));

**3. OWNER:**

SQL> create table owner(owner\_id int PRIMARY KEY,name varchar(100));

**4. CAB:**

SQL> create table cab (cab\_id int PRIMARY KEY,

licence\_plate varchar(32),

manufacture\_year int,

owner\_id int NOT NULL,

model\_name varchar2(64)

);

alter table cab

add constraint fk123 FOREIGN KEY (model\_name)

references car\_model(model\_name);

alter table cab

add constraint f.. FOREIGN KEY (owner\_id)

references owner(owner\_id);

**5. PAYMENT\_TYPE:**

SQL> create table payment\_type(payment\_id int,type\_name varchar(128));

SQL> alter table payment\_type

add constraint fkp FOREIGN KEY (payment\_id) references cab\_ride(payment\_id);

**6. CAB\_RIDE:**

SQL> create table cab\_ride(cab\_id int,cust\_id int,ride\_start\_time timestamp,

ride\_end\_time timestamp,jfrom varchar(200),

jto varchar(200),cancelled char(1),payment\_id int,charges int);

SQL> alter table cab\_ride

add constraint fk\_cab FOREIGN KEY (cust\_id) REFERENCES customer(cust\_id);

SQL> alter table cab\_ride

add constraint fk\_cab21 FOREIGN KEY (cab\_id) REFERENCES cab(cab\_id);

SQL> alter table cab\_ride

add constraint up UNIQUE(payment\_id);

**7. DISTANCE\_MAP:**

SQL> create table distance\_map(jfrom varchar(30),jto varchar(30),dis number);

SQL> alter table distance\_map

add constraint pk PRIMARY KEY (jfrom,jto);

**8. CUSTOMER:**

SQL> create table customer (cust\_id int PRIMARY KEY,pass varchar(10),cust\_name varchar(100),email varchar(100),contact number,vpa varchar(100));

**9. CAB\_RIDE\_HISTORY:**

SQL> create table cab\_ride\_history(cab\_id int,cust\_id int,ride\_start\_time timestamp,

ride\_end\_time timestamp,jfrom varchar(200),

jto varchar(200),cancelled char(1),payment\_id int,charges int);

**10. DRIVER\_CAB**

SQL> create table driver\_cab(driver\_id number PRIMARY KEY,cab\_id number);

SQL> alter table driver\_cab

add constraint fk FOREIGN KEY (driver\_id) references driver(driver\_id);