**cities**(city\_name)

**dog\_types**(dog\_type, avg\_hight, avg\_weight)

**dog\_owners**(owner\_email, first\_name, last\_name, phone\_number, dog\_name, dog\_gender,  
dog\_type, city\_name)

**prefered\_walking\_days**(owner\_email, day\_of\_week)

**dog\_walkers**(walker\_email, first\_name, last\_name, phone\_number, daily\_rate, city\_name)

**working\_days**(walker\_email, day\_of\_week, dogs\_limit, availability)

**walker\_dog\_types**(walker\_email, dog\_type)

**trips**(walker\_email, owner\_email, day\_of\_week)

CREATE TABLE cities(city\_name VARCHAR(45) NOT NULL,

PRIMARY KEY(city\_name) );

CREATE TABLE dog\_types(dog\_type VARCHAR(45) NOT NULL,

avg\_hight INT NOT NULL,

avg\_weight INT NOT NULL,

PRIMARY KEY(dog\_type) );

CREATE TABLE dog\_owners(owner\_email VARCHAR(50) NOT NULL,

first\_name VARCHAR(45) NOT NUll,

last\_name VARCHAR(45) NOT NUll,

phone\_number VARCHAR(100),

dog\_name VARCHAR(45) NOT NULL,

dog\_gender VARCHAR(10) NOT NULL,

dog\_type VARCHAR(45) NOT NULL,

city\_name VARCHAR(45) NOT NULL,

PRIMARY KEY(owner\_email),

FOREIGN KEY(dog\_type) REFERENCES   
 dog\_types(dog\_type),

FOREIGN KEY(city\_name) REFERENCES   
 cities(city\_name) );

CREATE TABLE prefered\_walking\_days(owner\_email VARCHAR(50) NOT NULL,

day\_of\_week VARCHAR(20) NOT NULL,

PRIMARY KEY(owner\_email, day\_of\_week),

FOREIGN KEY(owner\_email) REFERENCES

dog\_owners(owner\_email) );

CREATE TABLE dog\_walkers(walker\_email VARCHAR(50) NOT NULL,

first\_name VARCHAR(45) NOT NUll,

last\_name VARCHAR(45) NOT NUll,

phone\_number VARCHAR(100),

daily\_rate INT NOT NULL,

city\_name VARCHAR(45) NOT NULL,

PRIMARY KEY(walker\_email),

FOREIGN KEY(city\_name) REFERENCES   
 cities(city\_name) );

CREATE TABLE working\_days(walker\_email VARCHAR(50) NOT NULL,

day\_of\_week VARCHAR(20) NOT NULL,

dogs\_limit INT NOT NULL,

availability INT NOT NULL,

PRIMARY KEY(walker\_email, day\_of\_week),

FOREIGN KEY(walker\_email) REFERENCES   
 dog\_walkers(walker\_email) );

CREATE TABLE walker\_dog\_types(walker\_email VARCHAR(50) NOT NULL,

dog\_type VARCHAR(45) NOT NULL,

PRIMARY KEY(walker\_email, dog\_type),

FOREIGN KEY(walker\_email) REFERENCES dog\_walkers(walker\_email),

FOREIGN KEY(dog\_type) REFERENCES   
dog\_types(dog\_type) );

CREATE TABLE trips(walker\_email VARCHAR(50) NOT NULL,

owner\_email VARCHAR(50) NOT NULL,

day\_of\_week VARCHAR (20) NOT NULL,

PRIMARY KEY(walker\_email, owner\_email, day\_of\_week),

FOREIGN KEY(walker\_email) REFERENCES

dog\_walkers(walker\_email),

FOREIGN KEY(owner\_email) REFERENCES

dog\_owners(owner\_email) );

INSERT INTO dog\_types VALUES('Labrador', 58, 30),

('Poodle', 40, 20),

('Husky', 55, 23),

('Doberman', 67 ,35),

('Pug', 27, 9);

INSERT INTO cities VALUES ('Kfar Saba'),

('Jerusalem'),

('Ramat Gan'),

('Natania'),

('Haifa'),

('Eilat'),

('Ashdod');

INSERT INTO dog\_walkers

VALUES('yossi@gmail.com', 'Yossi', 'Dagan, '0549587412', 50, 'Kfar Saba'),

('ariel@gmail.com', 'Ariel', 'Israeli', '0527584695', 52, 'Jerusalem'),

('shaul@yahoo.com', 'Shaul', 'Gabriely', '0507584152', 60, 'Ramat Gan'),

('ben@walla,com', 'Ben', 'Levi', '05468574132', 57, 'Natania'),

('ron@walla.com', 'Ron', 'Cohen', '0527881234', 55, 'Haifa'),

('guy@yahoo.com', 'guy', 'Yemini', '0507854268', 60, 'Kfar Saba');

INSERT INTO walker\_dog\_types VALUES ('yossi@gmail.com', 'Labrador'),

('yossi@gmail.com', 'Poodle'),

('yossi@gmail.com', 'Husky'),

('ariel@gmail.com', 'Doberman'),

('ariel@gmail.com', 'Husky'),

('ariel@gmail.com', 'Pug'),

('shaul@yahoo.com', 'Poodle'),

('shaul@yahoo.com', 'Pug'),

('shaul@yahoo.com', 'Labrador'),

('shaul@yahoo.com', 'Husky'),

('ben@walla,com', 'Husky'),

('ben@walla,com', 'Labrador'),

('ron@walla.com', 'Pug'),

('ron@walla.com', 'Husky'),

('guy@yahoo.com', 'Pug'),

('guy@yahoo.com', 'Husky'),

('guy@yahoo.com', 'Labrador'),

('guy@yahoo.com', 'Poodle'),

('guy@yahoo.com', 'Doberman');

INSERT INTO working\_days VALUES('yossi@gmail.com', 'Sunday',3 ,3),

('yossi@gmail.com', 'Tuesday', 5, 5),

('yossi@gmail.com', 'Wednesday', 8, 8),

('ariel@gmail.com', 'Tuesday', 1, 1),

('ariel@gmail.com', 'Monday', 4, 4),

('ariel@gmail.com', 'Thursday', 3, 3),

('shaul@yahoo.com', 'Sunday', 2, 2),

('shaul@yahoo.com', 'Tuesday', 2, 2),

('shaul@yahoo.com', 'Thursday', 3, 3),

('shaul@yahoo.com', 'Saturday', 1, 1),

('ben@walla,com', 'Sunday', 3, 3),

('ben@walla,com', 'Monday', 2, 2),

('ron@walla.com', 'Sunday', 1, 1),

('ron@walla.com', 'Tuesday', 2, 2),

('guy@yahoo.com', 'Monday', 3, 3),

('guy@yahoo.com', 'Tuesday', 4, 4),

('guy@yahoo.com', 'Wednesday', 5, 5),

('guy@yahoo.com', 'Thursday', 2, 2),

('guy@yahoo.com', 'Saturday', 3, 3);