**Create tables**

CREATE TABLE Customers

(

CustomerID VARCHAR(10) NOT NULL

CONSTRAINT pk\_Customers PRIMARY KEY,

First\_Name VARCHAR(35) NOT NULL,

Last\_Name VARCHAR(35) NOT NULL,

Email VARCHAR(50) NOT NULL,

Phone\_Number VARCHAR(11) NOT NULL,

Allergies VARCHAR(35),

Street VARCHAR(50) NOT NULL,

City VARCHAR(20) NOT NULL,

State VARCHAR(20) NOT NULL,

Zipcode VARCHAR(10) NOT NULL,

Service\_Type VARCHAR(20),

Language VARCHAR(35)

) ;

CREATE TABLE Customer\_Requirements

(

RequirementID VARCHAR(10) NOT NULL

CONSTRAINT pk\_Customer\_Requirements PRIMARY KEY,

Years\_of\_Experience VARCHAR(10),

Time\_of\_Day VARCHAR(20) NOT NULL,

CustomerID VARCHAR(10) NOT NULL

) ;

CREATE TABLE Skills

(

SkillID VARCHAR(10) NOT NULL

CONSTRAINT pk\_Skills PRIMARY KEY,

Skill\_Description VARCHAR(50) NOT NULL

) ;

CREATE TABLE Babysitters

(

BabysitterID VARCHAR(10) NOT NULL

CONSTRAINT pk\_Babysitters PRIMARY KEY,

First\_Name VARCHAR(35) NOT NULL,

Last\_Name VARCHAR(35) NOT NULL,

Date\_of\_Birth DATE,

Gender VARCHAR(35),

Street VARCHAR(50) NOT NULL,

City VARCHAR(20) NOT NULL,

State VARCHAR(20) NOT NULL,

Zipcode VARCHAR(10) NOT NULL,

Transportation VARCHAR(20),

COVID\_Result VARCHAR(20) NOT NULL,

COVID\_Report\_Date DATE,

Years\_of\_Experience VARCHAR(10),

Days\_Available VARCHAR(20)

) ;

CREATE TABLE Jobs

(

JobID VARCHAR(10) NOT NULL

CONSTRAINT pk\_Jobs PRIMARY KEY,

JobDescription VARCHAR(50),

Start\_Time VARCHAR(20),

End\_Time VARCHAR(20),

Wages NUMBER,

BabysitterID VARCHAR(10) NOT NULL

) ;

CREATE TABLE Customer\_Requirement\_Skills

(RequirementID VARCHAR(10) NOT NULL,

SkillID VARCHAR(10) NOT NULL,

CONSTRAINT pk\_Customer\_Requirement\_Skills

PRIMARY KEY (RequirementID, SkillID)

);

CREATE TABLE Babysitters\_Skills

(BabysitterID VARCHAR(10) NOT NULL,

SkillID VARCHAR(10) NOT NULL,

CONSTRAINT pk\_Babysitters\_Skills

PRIMARY KEY (BabysitterID, SkillID)

);

ALTER TABLE

ALTER TABLE Customer\_Requirements

ADD CONSTRAINT fk\_customers\_CustomerID

FOREIGN KEY (CustomerID)

REFERENCES Customers (CustomerID)

ALTER TABLE Customer\_Requirements\_Skills

ADD CONSTRAINT fk\_customer\_requirements\_skills

FOREIGN KEY (RequirementID)

REFERENCES Customer\_Requirements (RequirementID)

ALTER TABLE Jobs

ADD CONSTRAINT fk\_Babysitter\_Jobs

FOREIGN KEY (BabysitterID)

REFERENCES Babysitters (BabysitterID)

ALTER TABLE Babysitters\_Skills

ADD CONSTRAINT fk\_babysitters\_skills

FOREIGN KEY (BabysitterID)

REFERENCES Babysitters (BabysitterID)

ALTER TABLE Customer\_Requirements\_Skills

ADD CONSTRAINT fk\_skills\_customer\_requirements

FOREIGN KEY (SkillID)

REFERENCES Skills (SkillID)

ALTER TABLE Babysitters\_Skills

ADD CONSTRAINT fk\_skills\_babysitters

FOREIGN KEY (SkillID)

REFERENCES Skills (SkillID)

INSERT TABLE

Customers table

INSERT INTO Customers VALUES ('C101', 'Rudy', 'Mcneil','R.mcneil@gmail.com', '410-287-5382', 'NO', '8208 Marsh Ave.', 'Astoria', 'NY', '11105', 'Nanny', 'English');

INSERT INTO Customers VALUES ('C102', 'Kenan', 'Valdez','Kenan.valdez@yahoo.com', '865-313-7077', 'NO', '363 Lakeshore Ave.', 'Bronx', 'NY', '10458', 'Tutoring', 'English');

INSERT INTO Customers VALUES ('C103', 'Riley-James', 'Vargas','rjvaldez@hotmail.com', '559-241-8082', 'Dogs', '738 James Dr.', 'Bronx', 'NY', '10458', 'Nanny', 'Mandarin');

INSERT INTO Customers VALUES ('C104', 'Carrie', 'Harmon','carrieharmon@aol.com', '703-935-1310', 'NO', '9921 Madison Ave.', 'Astoria', 'NY', '11106', 'Chef', 'Hindi');

INSERT INTO Customers VALUES ('C105', 'Oscar', 'Aguirre','O.aguirre@gmail.com', '785-748-3682', 'Cats', '10 Adams Drive', 'Brooklyn', 'NY', '11234', 'Housekeeper', 'Spanish');

INSERT INTO Customers VALUES ('C106', 'Piotr', 'Preece','ppreece234@gmail.com', '850-836-3241', 'Seafood', 'Leeton Ridge Street', 'Bronx', 'NY', '10468', 'Tutoring', 'Arabic');

INSERT INTO Customers VALUES ('C107', 'Emilis', 'Atkinson','Emilis.atkinson19@yahoo.com', '973-765-2527', 'NO', '8233 Fulton Dr.', 'New York', 'NY', '10029', 'Nanny', 'Bangla');

INSERT INTO Customers VALUES ('C108', 'Frida', 'Wood','f.wood@yahoo.com', '516-491-2888', 'Peanut butter', '657 Lawrence Dr.', 'Brooklyn', 'NY', '11209', 'Tutoring', 'Russian');

Babysitters table

INSERT INTO Babysitters VALUES ('B101', 'Nikkita', 'Mcfarlane','02/14/2000', 'Female', '6 Gonzales Drive', 'Corona', 'NY', '11368', 'MTA', 'Negative', '11/16/2020', '1 year', '7 days');

INSERT INTO Babysitters VALUES ('B102', 'Jokubas', 'Preece','04/11/1999', 'Male', '987 Center Street', 'Jamaica', 'NY', '11435', 'MTA', 'Negative', '11/19/2020', '3 year', 'Weekdays');

INSERT INTO Babysitters VALUES ('B103', 'Ayat', 'Mackie','12/02/1997', 'Male', '899 Maple Dr.', 'Corona', 'NY', '11368', 'Car', 'Negative', '11/16/2020', '11 months', '7 days');

INSERT INTO Babysitters VALUES ('B104', 'Krzysztof', 'Young','08/05/1984', 'Other', '648 Grand Street', 'Brooklyn', 'NY', '11215', 'Walk', 'Negative', '11/19/2020', '2 years', '7 days');

INSERT INTO Babysitters VALUES ('B105', 'Ricardo', 'Howell','02/23/2002', 'Other', '10 Rockland Lane', 'Bronx', 'NY', '10451', 'Uber', 'Negative', '12/2/2020', '5 years', 'Weekends');

INSERT INTO Babysitters VALUES ('B106', 'Beatrice', 'Simons','05/09/1987', 'Female', '391 Ketch Harbour Ave.', 'South Ozone Park', 'NY', '11420', 'Bike', 'Negative', '12/01/2020', '4 years', '7 days');

INSERT INTO Babysitters VALUES ('B107', 'Victoria', 'Potter','05/05/1991', 'Female', '45 Morris St.', 'East Elmhurst', 'NY', '11370', 'MTA', 'Negative', '12/05/2020', '2 years', 'Weekdays');

INSERT INTO Babysitters VALUES ('B108', 'Maria', 'Gomez','09/28/1984', 'Female', '8260 Tanglewood Lane', 'Flushing', 'NY', '11355', 'MTA', 'Negative', '12/06/2020', '10 months', '7 days');

Jobs table

INSERT INTO Jobs VALUES ('J101', 'Nanny', '9 AM','6 PM', '20', 'B101');

INSERT INTO Jobs VALUES ('J102', 'Tutoring', '10 AM','5 PM', '25', 'B102');

INSERT INTO Jobs VALUES ('J103', 'Nanny', '9:30 AM','4 PM', '23', 'B103');

INSERT INTO Jobs VALUES ('J104', 'Chef', '10 AM','7:30 PM', '25', 'B104');

INSERT INTO Jobs VALUES ('J105', 'Housekeeper', '12 AM','6:30 PM', '28', 'B105');

INSERT INTO Jobs VALUES ('J106', 'Tutoring', '11 AM','8 PM', '27', 'B106');

INSERT INTO Jobs VALUES ('J107', 'Nanny', '11:30 AM','8:30 PM', '20', 'B107');

INSERT INTO Jobs VALUES ('J108', 'Tutoring', '10:30 AM','7 PM', '21', 'B108');

Customer\_Requirements table

INSERT INTO Customer\_Requirements VALUES ('R101', '5 months', '7 days', 'C101');

INSERT INTO Customer\_Requirements VALUES ('R102', '6 months', 'Weekdays', 'C102');

INSERT INTO Customer\_Requirements VALUES ('R103', '6 months', '7 days', 'C103');

INSERT INTO Customer\_Requirements VALUES ('R104', '9 months', '7 days', 'C104');

INSERT INTO Customer\_Requirements VALUES ('R105', '6 months', 'Weekends', 'C105');

INSERT INTO Customer\_Requirements VALUES ('R106', '6 months', '7 days', 'C106');

INSERT INTO Customer\_Requirements VALUES ('R107', '10 months', 'Weekdays', 'C107');

INSERT INTO Customer\_Requirements VALUES ('R108', '1 year', '7 days', 'C108');

Skills table

INSERT INTO Skills VALUES ('S101', 'Nanny');

INSERT INTO Skills VALUES ('S102', 'Tutoring');

INSERT INTO Skills VALUES ('S103', 'Nanny');

INSERT INTO Skills VALUES ('S104', 'Chef');

INSERT INTO Skills VALUES ('S105', 'Housekeeper');

INSERT INTO Skills VALUES ('S106', 'Tutoring');

INSERT INTO Skills VALUES ('S107', 'Nanny');

INSERT INTO Skills VALUES ('S108', 'Tutoring');