**Build SQL Statements**

Drop table if exists branch cascade;

CREATE TABLE Branch (

Branch\_ID int NOT NULL,

Branch\_Street varchar(255),

Branch\_City varchar(255),

Branch\_State varchar(255),

Branch\_Zip int,

Branch\_Name varchar(255),

Branch\_Status varchar(255),

Branch\_Manager varchar(255),

Branch\_Rank varchar(255),

Branch\_Region varchaR(255),

Branch\_Phone varchar(255),

Branch\_Level varchar(255),

Branch\_Goals int,

Branch\_EmpAmt int,

CONSTRAINT Branch\_PK PRIMARY KEY (Branch\_ID)

);

DROP TABLE if exists ATM CASCADE;

CREATE TABLE ATM (

ATM\_ID int,

ATM\_Street varchar(255),

ATM\_City varchar(255),

ATM\_State char(2),

ATM\_ZIP int,

ATM\_Version int,

ATM\_Number int,

ATM\_Last\_Maintenence\_Date date,

ATM\_Brand varchar(255),

ATM\_Status varchar(255),

ATM\_Balance int,

ATM\_Cards\_Collected int,

ATM\_Most\_Recent\_Error varchar(255),

Branch\_ID int,

CONSTRAINT ATM\_PK PRIMARY KEY (ATM\_ID),

CONSTRAINT ATM\_BRANCH\_FK foreign key (Branch\_ID) REFERENCES Branch (Branch\_ID)

);

DROP TABLE if exists Employee CASCADE;

CREATE TABLE Employee (

Emp\_ID int NOT NULL,

Branch\_ID int,

Emp\_FName varchar(255),

Emp\_LName varchar(255),

Emp\_Phone varchar(255),

Emp\_Street varchar(255),

Emp\_AptNum int,

Emp\_City varchar(255),

Emp\_State varchar(2),

Emp\_ZIP varchar(255),

Emp\_Salary int,

Emp\_Start\_Date date,

Emp\_Title varchar(255),

Emp\_Compensation varchar(255),

Emp\_Status varchar(255),

Emp\_Vacation\_Hours int,

Emp\_Sick\_Time int,

Emp\_Brithdate date,

CONSTRAINT Employee\_PK PRIMARY KEY (Emp\_ID),

CONSTRAINT Employee\_FK FOREIGN KEY (Branch\_ID) REFERENCES Branch (Branch\_ID)

);

DROP TABLE if exists Customer CASCADE;

CREATE TABLE Customer (

Customer\_ID int NOT NULL,

Customer\_FName varchar(255),

Customer\_LName varchar(255),

Customer\_Phone varchar(255),

Customer\_Street varchar(255),

Customer\_AptNum int,

Customer\_City varchar(255),

Customer\_State varchar(2),

Customer\_ZIP int,

Customer\_SSN int,

Customer\_Amount\_Accounts int,

Customer\_Enrollment\_Date date,

Customer\_Last\_Maintained\_Date date,

Customer\_Upcoming\_Maintenence date,

Customer\_ATM\_Card varchar(3),

Customer\_Gender varchar(1),

Customer\_Birthdate date,

CONSTRAINT Customer\_PK PRIMARY KEY (Customer\_ID)

);

DROP TABLE if exists Accounts CASCADE;

CREATE TABLE Accounts (

Account\_Number int NOT NULL,

Account\_Balance int,

Account\_Category varchar(255),

Account\_Opened date,

Account\_Minimum int,

Customer\_ID int,

Account\_Last\_Accessed\_Date date,

Account\_Status varchar(255),

CONSTRAINT Accounts\_PK PRIMARY KEY (Account\_Number),

CONSTRAINT Accounts\_FK FOREIGN KEY (Customer\_ID) REFERENCES Customer (Customer\_ID)

);

DROP TABLE if exists Assists CASCADE;

CREATE TABLE Assists (

Employee\_ID int NOT NULL,

Customer\_ID int,

Assists\_Date date,

Assists\_Time varchar(15),

Assists\_Outcome varchar(255),

Transaction\_Type varchar(255),

ID\_Verified varchar(5),

Customer\_Non\_Customer varchar(5),

CONSTRAINT Assists\_PK PRIMARY KEY (Employee\_ID, Customer\_ID),

CONSTRAINT Assists\_FK FOREIGN KEY (Employee\_ID) REFERENCES Employee (Emp\_ID),

CONSTRAINT Assists\_FK2 FOREIGN KEY (Customer\_ID) REFERENCES Customer (Customer\_ID)

);

DROP TABLE if exists USES CASCADE;

CREATE TABLE USES (

ATM\_ID int NOT NULL,

Customer\_ID int,

Uses\_Date date,

Uses\_Time varchar(15),

Uses\_Action varchar(255),

CONSTRAINT USES\_PK PRIMARY KEY (ATM\_ID, Customer\_ID, Uses\_Date, Uses\_Time),

CONSTRAINT USES\_FK FOREIGN KEY (ATM\_ID) REFERENCES ATM (ATM\_ID),

CONSTRAINT USES\_PK2 FOREIGN KEY (Customer\_ID) REFERENCES Customer (Customer\_ID)

);

DROP TABLE if exists OWNS CASCADE;

CREATE TABLE OWNS (

Account\_Number int NOT NULL,

Customer\_ID int NOT NULL,

Owns\_Date\_Opened date,

Owns\_Amount\_On\_Opening\_Date int,

Owns\_Type\_Of\_Account varchar(255),

CONSTRAINT OWNS\_PK PRIMARY KEY (Account\_Number, Customer\_ID),

CONSTRAINT OWNS\_FK FOREIGN KEY (Account\_Number) REFERENCES Accounts (Account\_Number),

CONSTRAINT OWNS\_FK2 FOREIGN KEY (Customer\_ID) REFERENCES Customer (Customer\_ID)

);