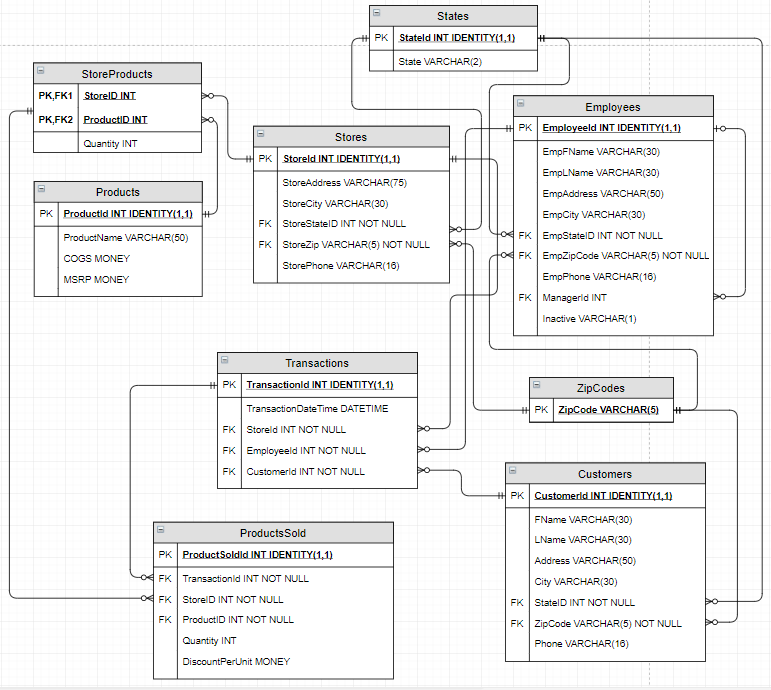
Retail DB (Transactional)

# ER Diagram



# Code to Create the DB and Tables

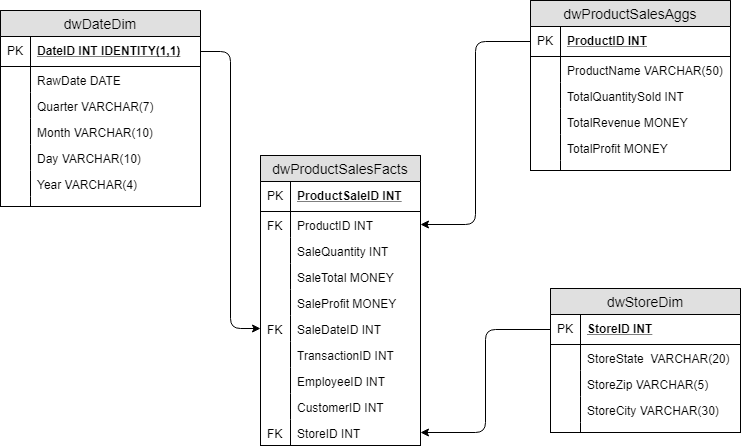
|  |
| --- |
| **--Creating the DB**  **CREATE DATABASE INFO3410\_GP\_Retail;**  **GO**  **--Making sure that we are using the correct DB before we start to create the tables**  **USE INFO3410\_GP\_Retail;**  **GO**  **--Creating the States Table**  **CREATE TABLE States (**  **StateId INT PRIMARY KEY IDENTITY(1,1),**  **State VARCHAR(2)**  **);**  **GO**  **--Creating the ZipCodes Table**  **CREATE TABLE ZipCodes (**  **ZipCode VARCHAR(5) PRIMARY KEY**  **);**  **GO**  **--Creating the Employees Table**  **CREATE TABLE Employees (**  **EmployeeId INT PRIMARY KEY IDENTITY(1,1),**  **EmpFName VARCHAR(30),**  **EmpLName VARCHAR(30),**  **EmpAddress VARCHAR(50),**  **EmpCity VARCHAR(30),**  **EmpState INT REFERENCES States(StateId) NOT NULL,**  **EmpZipCode VARCHAR(5) REFERENCES ZipCodes(ZipCode) NOT NULL,**  **EmpPhone VARCHAR(16),**  **ManagerId INT REFERENCES Employees(EmployeeId),**  **Inactive VARCHAR(1)**  **);**  **GO**  **--Creating the Customers Table**  **CREATE TABLE Customers (**  **CustomerId INT PRIMARY KEY IDENTITY(1,1),**  **FName VARCHAR(30),**  **LName VARCHAR(30),**  **Address VARCHAR(50),**  **City VARCHAR(30),**  **State INT REFERENCES States(StateId) NOT NULL,**  **ZipCode VARCHAR(5) REFERENCES ZipCodes(ZipCode) NOT NULL,**  **Phone VARCHAR(16)**  **);**  **GO**  **-- Creating the Stores Table**  **CREATE TABLE Stores (**  **StoreId INT PRIMARY KEY IDENTITY(1,1),**  **StoreAddress VARCHAR(75),**  **StoreCity VARCHAR(30),**  **StoreStateID INT REFERENCES States(StateID) NOT NULL,**  **StoreZip VARCHAR(5) REFERENCES ZipCodes(ZipCode) NOT NULL,**  **StorePhone VARCHAR(16)**  **);**  **GO**  **-- Creating the Products Table**  **CREATE TABLE Products (**  **ProductID INT PRIMARY KEY IDENTITY(1,1),**  **ProductName VARCHAR(50),**  **COGS MONEY,**  **MSRP MONEY**  **);**  **GO**  **-- Creating the StoreProducts Table**  **CREATE TABLE StoreProducts (**  **StoreID INT REFERENCES Stores(StoreID) NOT NULL,**  **ProductID INT REFERENCES Products(ProductID) NOT NULL,**  **Quantity INT,**  **PRIMARY KEY (StoreID, ProductID)**  **);**  **GO**  **-- Creating the Transactions Table**  **CREATE TABLE Transactions (**  **TransactionID INT PRIMARY KEY IDENTITY(1,1),**  **TransactionDateTime DATETIME,**  **StoreID INT REFERENCES Stores(StoreID) NOT NULL,**  **EmployeeID INT REFERENCES Employees(EmployeeID) NOT NULL,**  **CustomerID INT REFERENCES Customers(CustomerID) NOT NULL**  **);**  **GO**  **--Creating the ProductsSold Table**  **CREATE TABLE ProductsSold (**  **ProductSoldID INT PRIMARY KEY IDENTITY(1,1),**  **TransactionID INT REFERENCES Transactions(TransactionID) NOT NULL,**  **Quantity INT,**  **DiscountPerUnit MONEY,**  **StoreID INT NOT NULL,**  **ProductID INT NOT NULL,**  **FOREIGN KEY (StoreID, ProductID) REFERENCES StoreProducts(StoreID, ProductID)**  **);**  **GO** |

# Code to Populate the Tables in the DB

|  |
| --- |
| **--Populating the States Table**  **INSERT INTO States VALUES ('AL');**  **INSERT INTO States VALUES ('AK');**  **INSERT INTO States VALUES ('AZ');**  **INSERT INTO States VALUES ('AR');**  **INSERT INTO States VALUES ('CA');**  **INSERT INTO States VALUES ('CO');**  **INSERT INTO States VALUES ('CT');**  **INSERT INTO States VALUES ('DE');**  **INSERT INTO States VALUES ('FL');**  **INSERT INTO States VALUES ('GA');**  **INSERT INTO States VALUES ('HI');**  **INSERT INTO States VALUES ('ID');**  **INSERT INTO States VALUES ('IL');**  **INSERT INTO States VALUES ('IN');**  **INSERT INTO States VALUES ('IA');**  **INSERT INTO States VALUES ('KS');**  **INSERT INTO States VALUES ('KY');**  **INSERT INTO States VALUES ('LA');**  **INSERT INTO States VALUES ('ME');**  **INSERT INTO States VALUES ('MD');**  **INSERT INTO States VALUES ('MA');**  **INSERT INTO States VALUES ('MI');**  **INSERT INTO States VALUES ('MN');**  **INSERT INTO States VALUES ('MS');**  **INSERT INTO States VALUES ('MO');**  **INSERT INTO States VALUES ('MT');**  **INSERT INTO States VALUES ('NE');**  **INSERT INTO States VALUES ('NV');**  **INSERT INTO States VALUES ('NH');**  **INSERT INTO States VALUES ('NJ');**  **INSERT INTO States VALUES ('NM');**  **INSERT INTO States VALUES ('NY');**  **INSERT INTO States VALUES ('NC');**  **INSERT INTO States VALUES ('ND');**  **INSERT INTO States VALUES ('OH');**  **INSERT INTO States VALUES ('OK');**  **INSERT INTO States VALUES ('OR');**  **INSERT INTO States VALUES ('PA');**  **INSERT INTO States VALUES ('RI');**  **INSERT INTO States VALUES ('SC');**  **INSERT INTO States VALUES ('SD');**  **INSERT INTO States VALUES ('TN');**  **INSERT INTO States VALUES ('TX');**  **INSERT INTO States VALUES ('UT');**  **INSERT INTO States VALUES ('VT');**  **INSERT INTO States VALUES ('VA');**  **INSERT INTO States VALUES ('WA');**  **INSERT INTO States VALUES ('WV');**  **INSERT INTO States VALUES ('WI');**  **INSERT INTO States VALUES ('WY');**  **GO**  **--Populating the ZipCodes into the database**  **INSERT INTO ZipCodes VALUES(12345);**  **INSERT INTO ZipCodes VALUES(67154);**  **INSERT INTO ZipCodes VALUES(45013);**  **INSERT INTO ZipCodes VALUES(17760);**  **INSERT INTO ZipCodes VALUES(10023);**  **INSERT INTO ZipCodes VALUES(10580);**  **INSERT INTO ZipCodes VALUES(77848);**  **INSERT INTO ZipCodes VALUES(25649);**  **INSERT INTO ZipCodes VALUES(21658);**  **INSERT INTO ZipCodes VALUES(22454);**  **INSERT INTO ZipCodes VALUES(19067);**  **INSERT INTO ZipCodes VALUES(44118);**  **INSERT INTO ZipCodes VALUES(61938);**  **INSERT INTO ZipCodes VALUES(39503);**  **INSERT INTO ZipCodes VALUES(35630);**  **INSERT INTO ZipCodes VALUES(46803);**  **INSERT INTO ZipCodes VALUES(20715);**  **INSERT INTO ZipCodes VALUES(19711);**  **INSERT INTO ZipCodes VALUES(19707);**  **INSERT INTO ZipCodes VALUES(25302);**  **INSERT INTO ZipCodes VALUES(60610);**  **INSERT INTO ZipCodes VALUES(30144);**  **INSERT INTO ZipCodes VALUES(13207);**  **INSERT INTO ZipCodes VALUES(32922);**  **INSERT INTO ZipCodes VALUES(91103);**  **INSERT INTO ZipCodes VALUES(32465);**  **INSERT INTO ZipCodes VALUES(30274);**  **INSERT INTO ZipCodes VALUES(73034);**  **INSERT INTO ZipCodes VALUES(34741);**  **INSERT INTO ZipCodes VALUES(95035);**  **INSERT INTO ZipCodes VALUES(21122);**  **INSERT INTO ZipCodes VALUES(35476);**  **INSERT INTO ZipCodes VALUES(65616);**  **INSERT INTO ZipCodes VALUES(98077);**  **INSERT INTO ZipCodes VALUES(70047);**  **INSERT INTO ZipCodes VALUES(87124);**  **INSERT INTO ZipCodes VALUES(94806);**  **INSERT INTO ZipCodes VALUES(45069);**  **INSERT INTO ZipCodes VALUES(45103);**  **INSERT INTO ZipCodes VALUES(11021);**  **INSERT INTO ZipCodes VALUES(12303);**  **INSERT INTO ZipCodes VALUES(85710);**  **INSERT INTO ZipCodes VALUES(65654);**  **INSERT INTO ZipCodes VALUES(49507);**  **INSERT INTO ZipCodes VALUES(92562);**  **INSERT INTO ZipCodes VALUES(11772);**  **INSERT INTO ZipCodes VALUES(11763);**  **INSERT INTO ZipCodes VALUES(11738);**  **INSERT INTO ZipCodes VALUES(63040);**  **INSERT INTO ZipCodes VALUES(91350);**  **INSERT INTO ZipCodes VALUES(30117);**  **INSERT INTO ZipCodes VALUES(89012);**  **INSERT INTO ZipCodes VALUES(89014);**  **INSERT INTO ZipCodes VALUES(89146);**  **INSERT INTO ZipCodes VALUES(20120);**  **INSERT INTO ZipCodes VALUES(28052);**  **INSERT INTO ZipCodes VALUES(11229);**  **INSERT INTO ZipCodes VALUES(10312);**  **INSERT INTO ZipCodes VALUES(38039);**  **INSERT INTO ZipCodes VALUES(64564);**  **INSERT INTO ZipCodes VALUES(47906);**  **INSERT INTO ZipCodes VALUES(26547);**  **INSERT INTO ZipCodes VALUES(13102);**  **INSERT INTO ZipCodes VALUES(41454);**  **INSERT INTO ZipCodes VALUES(29203);**  **INSERT INTO ZipCodes VALUES(93030);**  **INSERT INTO ZipCodes VALUES(28601);**  **INSERT INTO ZipCodes VALUES(60142);**  **INSERT INTO ZipCodes VALUES(40516);**  **INSERT INTO ZipCodes VALUES(52654);**  **INSERT INTO ZipCodes VALUES(37876);**  **INSERT INTO ZipCodes VALUES(32258);**  **INSERT INTO ZipCodes VALUES(79924);**  **INSERT INTO ZipCodes VALUES(11205);**  **INSERT INTO ZipCodes VALUES(10029);**  **INSERT INTO ZipCodes VALUES(27701);**  **INSERT INTO ZipCodes VALUES(33952);**  **INSERT INTO ZipCodes VALUES(92592);**  **INSERT INTO ZipCodes VALUES(33027);**  **INSERT INTO ZipCodes VALUES(56556);**  **INSERT INTO ZipCodes VALUES(56987);**  **INSERT INTO ZipCodes VALUES(25654);**  **INSERT INTO ZipCodes VALUES(20906);**  **INSERT INTO ZipCodes VALUES(80003);**  **INSERT INTO ZipCodes VALUES(78988);**  **INSERT INTO ZipCodes VALUES(96019);**  **INSERT INTO ZipCodes VALUES(22407);**  **INSERT INTO ZipCodes VALUES(18507);**  **INSERT INTO ZipCodes VALUES(77021);**  **INSERT INTO ZipCodes VALUES(10457);**  **INSERT INTO ZipCodes VALUES(34654);**  **INSERT INTO ZipCodes VALUES(98878);**  **INSERT INTO ZipCodes VALUES(84075);**  **INSERT INTO ZipCodes VALUES(23228);**  **INSERT INTO ZipCodes VALUES(16502);**  **INSERT INTO ZipCodes VALUES(10980);**  **INSERT INTO ZipCodes VALUES(97799);**  **INSERT INTO ZipCodes VALUES(55372);**  **INSERT INTO ZipCodes VALUES(33063);**  **INSERT INTO ZipCodes VALUES(98679);**  **INSERT INTO ZipCodes VALUES(32951);**  **INSERT INTO ZipCodes VALUES(33830);**  **INSERT INTO ZipCodes VALUES(98799);**  **INSERT INTO ZipCodes VALUES(85035);**  **INSERT INTO ZipCodes VALUES(62010);**  **INSERT INTO ZipCodes VALUES(11968);**  **INSERT INTO ZipCodes VALUES(11104);**  **INSERT INTO ZipCodes VALUES(12550);**  **INSERT INTO ZipCodes VALUES(90048);**  **INSERT INTO ZipCodes VALUES(36415);**  **INSERT INTO ZipCodes VALUES(80241);**  **INSERT INTO ZipCodes VALUES(37922);**  **INSERT INTO ZipCodes VALUES(10075);**  **INSERT INTO ZipCodes VALUES(12889);**  **INSERT INTO ZipCodes VALUES(28150);**  **INSERT INTO ZipCodes VALUES(31408);**  **INSERT INTO ZipCodes VALUES(10280);**  **INSERT INTO ZipCodes VALUES(83843);**  **INSERT INTO ZipCodes VALUES(84058);**  **INSERT INTO ZipCodes VALUES(84032);**  **INSERT INTO ZipCodes VALUES(84602);**  **INSERT INTO ZipCodes VALUES(23655);**  **GO**  **--Insert data into customer table**  **INSERT INTO Customers VALUES( 'Edward', 'Manganiello', '29 Irvine Rd','Old Greenwich',7, 23655, 8306569875);**  **INSERT INTO Customers VALUES( 'Andrea', 'Ridley', 'PO Box 471412', 'Brookline Village', 21, 12345, 4845799862);**  **INSERT INTO Customers VALUES( 'Aaron', 'Archer', '302 north locust', 'Whitewater', 16, 67154, 9876589654);**  **INSERT INTO Customers VALUES( 'JONATHAN', 'FARRIS', '1051 BRUNNER RD', 'HAMILTON', 35, 45013, 3636564569);**  **INSERT INTO Customers VALUES( 'Alia', 'Rienzo', '2 Edwards Point Rd', 'Rumson', 30, 17760, 5657742525);**  **INSERT INTO Customers VALUES( 'Anthony', 'Romeo', '150 Columbus Ave Apt 11C', 'New York', 32, 10023, 2355648569);**  **INSERT INTO Customers VALUES( 'Richard', 'Giacovas', '6 Sharon Ln', 'Rye', 32, 10580, 2462517894);**  **INSERT INTO Customers VALUES( 'Anna', 'Jimenez', '39.209.208.176', 'P.o. Box 187', 43, 77848, 2345698785);**  **INSERT INTO Customers VALUES( 'dana', 'durocher', '376 cottonwood way', 'mahwah', 30, 25649, 2012369776);**  **INSERT INTO Customers VALUES( 'allen', 'jenkins', '20 stegman street', 'jersey city', 30, 21658, 2014320355);**  **INSERT INTO Customers VALUES( 'michelle', 'pieger', '261 w rutland rd', 'milford', 7, 22454, 2032147780);**  **INSERT INTO Customers VALUES( 'reynold', 'strunk', '869 slate hill rd', 'morrisville', 38, 19067, 2156054314);**  **INSERT INTO Customers VALUES( 'harold', 'osher', '2620 warrensville center rd #104', 'cleveland', 35, 44118, 2164966131);**  **INSERT INTO Customers VALUES( 'gregory', 'abel', '205 briar ln', 'mattoon', 13, 61938, 2175215353);**  **INSERT INTO Customers VALUES( 'sarah', 'hall', '15373 saint charles st #m116', 'gulfport', 24, 39503, 2282571395);**  **INSERT INTO Customers VALUES( 'ronnie', 'byrd', '1714 northern blvd', 'florence', 1, 35630, 2565656530);**  **INSERT INTO Customers VALUES( 'Addie', 'Jackson', '1506 lumbard st', 'Fort wayne', 14, 46803, 2604262904);**  **INSERT INTO Customers VALUES( 'arthur', 'louis armstrong sr', '8222 river park rd', 'bowie', 20, 20715, 3018058709);**  **INSERT INTO Customers VALUES( 'alistair', 'arnott', '922 pickett lane', 'newark', 8, 19711, 3023686856);**  **INSERT INTO Customers VALUES( 'Joyce', 'Jones', '9 Longacre Ct', 'Hockessin', 8, 19707, 3023993616);**  **INSERT INTO Customers VALUES( 'Carolyn', 'Priddy', '806 Mariana St', 'Charleston', 48, 25302, 3045626448);**  **INSERT INTO Customers VALUES( 'Alan', 'Almasy', '1122 n clark st #1510', 'Chicago', 13, 60610, 3122963221);**  **INSERT INTO Customers VALUES( 'sherman', 'armstrong', '3529 butler springs trace', 'kennesaw', 10, 30144, 3123896221);**  **INSERT INTO Customers VALUES( 'Susan', 'Scoggins', '318 Clairmonte Ave', 'Syracuse', 32, 13207, 3153150000);**  **INSERT INTO Customers VALUES( 'Joe', 'Cowart', '829 N Indian River Dr', 'Cocoa', 9, 32922, 3216362824);**  **INSERT INTO Customers VALUES( 'aaron', 'pelman', '1583 n. fair oaks ave', 'pasadena', 5, 91103, 3234223145);**  **INSERT INTO Customers VALUES( 'Steven', 'Amaral', '492 Park Ave', 'Portsmouth', 39, 32465, 4016832679);**  **INSERT INTO Customers VALUES( 'brenda', 'roberson', '123 peartree lane', 'riverdale', 10, 30274, 4044548773);**  **INSERT INTO Customers VALUES( 'brian', 'wariner', '3644 wagonwheel rd', 'edmond', 36, 73034, 4053408647);**  **INSERT INTO Customers VALUES( 'angela', 'diaz', '1710 kenyon circle', 'kissimmee', 9, 34741, 4075759058);**  **INSERT INTO Customers VALUES( 'allan', 'ellerbeck', '1625 greenwood way', 'milpitas', 5, 95035, 4089359328);**  **INSERT INTO Customers VALUES( 'james', 'johnson', '1613 colony rd.', 'pasadena', 20, 21122, 4102152712);**  **INSERT INTO Customers VALUES( 'albert', 'goncalves', '673 moore st', 'ludlow', 21, 35476, 4136100056);**  **INSERT INTO Customers VALUES( 'adrianne', 'penrod', '130 brookside ct', 'branson', 25, 65616, 4173354020);**  **INSERT INTO Customers VALUES( 'karen', 'scholz', '19700 ne 169th st', 'woodinville', 47, 98077, 4257884194);**  **INSERT INTO Customers VALUES( 'alan', 'alario', '2100 ormond blvd', 'destrehan', 18, 70047, 5047648764);**  **INSERT INTO Customers VALUES( 'mike', 'moore', '1505 abrazord. ne', 'rio rancho', 31, 87124, 5058915148);**  **INSERT INTO Customers VALUES( 'archie', 'brumfield', '14117-san pablo avenue', 'san pablo', 5, 94806, 5102340827);**  **INSERT INTO Customers VALUES( 'Ronald', 'Allen', '8130 lesourdsville', 'West chester', 35, 45069, 5132387452);**  **INSERT INTO Customers VALUES( 'wilma', 'taylor', '493 old bolston rd', 'batavia', 35, 45103, 5134731279);**  **INSERT INTO Customers VALUES( 'merryl', 'goldman', '30 stoner ave #1j', 'great neck', 32, 11021, 5162978276);**  **INSERT INTO Customers VALUES( 'allison', 'kennedy', '916 michigan ave', 'schenectady', 32, 12303, 5183770702);**  **INSERT INTO Customers VALUES( 'ted', 'reed', '2499 s rose peak dr', 'tucson', 3, 85710, 5208855584);**  **INSERT INTO Customers VALUES( 'aline', 'gowen', '275 wadleigh falls road', 'newmarket', 29, 65654, 6036594226);**  **INSERT INTO Customers VALUES( 'anthony', 'owens', '627 franklin s.e.', 'grand rapids', 22, 49507, 6162434336);**  **INSERT INTO Customers VALUES( 'Anthony', 'Hall', '38507 glen abbey ln', 'Murrieta', 5, 92562, 6197929260);**  **INSERT INTO Customers VALUES( 'theresa', 'hannigan', '98 engelke street', 'patchogue', 32, 11772, 6314751262);**  **INSERT INTO Customers VALUES( 'aa', 'balistreri', 'p. o. box 205', 'medford', 32, 11763, 6316542570);**  **INSERT INTO Customers VALUES( 'aaisha', 'afroz', '33 mount rainier ave', 'farmingville', 32, 11738, 6317640072);**  **INSERT INTO Customers VALUES( 'john', 'costello', '16614 willow glen dr', 'grover', 25, 63040, 6367959537);**  **INSERT INTO Customers VALUES( 'xiomara', 'harding', '27510 diane marie cir', 'santa clarita', 5, 91350, 6616443022);**  **INSERT INTO Customers VALUES( 'anna', 'johnson', '306 cedar st # b', 'carrollton', 10, 30117, 6786013352);**  **INSERT INTO Customers VALUES( 'aaron', 'abzug', '540 w horizon ridge pkwy unit', 'henderson', 28, 89012, 7024007141);**  **INSERT INTO Customers VALUES( 'audrey', 'minaeff', '2338 n green valley pkwy', 'henderson', 28, 89014, 7024345662);**  **INSERT INTO Customers VALUES( 'chas.', 'la forte', '5555 w. charleston blvd.', 'las vegas', 28, 89146, 7028700352);**  **INSERT INTO Customers VALUES( 'shiloh', 'forrest', '14927 greymont dr', 'centreville', 46, 20120, 7038308821);**  **INSERT INTO Customers VALUES( 'amy', 'rakes', '126 blevins drive', 'shelby', 33, 28150, 7044878936);**  **INSERT INTO Customers VALUES( 'anita', 'hendrix', '1121 essex st', 'gastonia', 33, 28052, 7048618590);**  **INSERT INTO Customers VALUES( 'nicole', 'cosmo', '3167 ave v', 'brooklyn', 32, 11229, 7186480152);**  **INSERT INTO Customers VALUES( 'marie', 'agosta', '465 lamont ave', 'staten island', 32, 10312, 7186667167);**  **INSERT INTO Customers VALUES( 'annie', 'stinson', '135 s. mctizic way', 'grand junction', 42, 38039, 7317646558);**  **INSERT INTO Customers VALUES( 'angel', 'berry', '10 morton ct', 'east brunswick', 30, 64564, 7326987035);**  **INSERT INTO Customers VALUES( 'anna marie', 'allison', '3840 sr 26 west', 'west lafayette', 14, 47906, 7657433913);**  **INSERT INTO Customers VALUES( 'bobby', 'amaral', '87 larouche st', 'fall river', 21, 26547, 7744515057);**  **INSERT INTO Customers VALUES( 'linda', 'perkins', '148 joliette st', 'manchester', 29, 13102, 8016600476);**  **INSERT INTO Customers VALUES( 'amy', 'couture', '8 hunting ridge road', 'milton', 45, 41454, 8023551212);**  **INSERT INTO Customers VALUES( 'jody', 'brazell', '6418 frost ave', 'columbia', 40, 29203, 8037861221);**  **INSERT INTO Customers VALUES( 'Trevor', 'Ashton', '235 N Oxnard Blvd', 'Oxnard', 5, 93030, 8054872224);**  **INSERT INTO Customers VALUES( 'Anguel', 'Anguelov', '405 section house rd', 'Hickory', 33, 28601, 8282670206);**  **INSERT INTO Customers VALUES( 'anne', 'angelopoulos', '10367 eastwood drive', 'huntley', 13, 60142, 8478030309);**  **INSERT INTO Customers VALUES( 'stephen', 'corbin', '4895 buggy lane', 'lexington', 17, 40516, 8593123558);**  **INSERT INTO Customers VALUES( 'asamoah', 'anane', '5 shaughnessy dr', 'east hartford', 7, 52654, 8608958811);**  **INSERT INTO Customers VALUES( 'alison', 'arender', '275 burning oaks dr', 'sevierville', 42, 37876, 8656219630);**  **INSERT INTO Customers VALUES( 'amela', 'agic', '6250 dalton springs ct', 'jacksonville', 9, 32258, 9042621372);**  **INSERT INTO Customers VALUES( 'alicia', 'adams', '9200 g.j. forster place', 'el paso', 43, 79924, 9153096501);**  **INSERT INTO Customers VALUES( 'pat', 'gittens', '300 adelphist', 'brooklyn', 32, 11205, 9175144529);**  **INSERT INTO Customers VALUES( 'avner', 'alaluf', '339 e 104th st', 'new york', 32, 10029, 9177575538);**  **INSERT INTO Customers VALUES( 'albert', 'smith', '510 e. umstead st.', 'durham', 33, 27701, 9196822724);**  **INSERT INTO Customers VALUES( 'alice', 'ashurst', '129 cambridge dr nw', 'pt charlotte', 9, 33952, 9416855366);**  **INSERT INTO Customers VALUES( 'oscar', 'arroyo', '32424 angelo dr', 'temecula', 5, 92592, 9517579376);**  **INSERT INTO Customers VALUES( 'Cynthia', 'Schulze', '3551n sw 126 ave', 'Hollywood', 9, 33027, 9544496123);**  **INSERT INTO Customers VALUES( 'aa', 'rahman', '51 hibernia ave', 'rockaway', 30, 56556, 9736253793);**  **INSERT INTO Customers VALUES( 'Diane', 'Geragosian', '59 Paddock Ln', 'North Andover', 21, 56987, 9786816355);**  **INSERT INTO Customers VALUES( 'anita', 'zirkle', '4015 w. tapps dr. e', 'lake tapps', 47, 25654, 2538627204);**  **INSERT INTO Customers VALUES( 'antonia', 'akpan', '3402 hewitt ave', 'silver spring', 20, 20906, 3016030776);**  **INSERT INTO Customers VALUES( 'ryan', 'willner', '6050 otis st', 'arvada', 6, 80003, 3038870658);**  **INSERT INTO Customers VALUES( 'kevin', 'belisle', '248 grinnell st', 'fall river', 21, 78988, 5085675440);**  **INSERT INTO Customers VALUES( 'aaron', 'dodge', '2701 marilyn ave', 'shasta lake', 5, 96019, 5302752367);**  **INSERT INTO Customers VALUES( 'Adrian', 'Drayton', '7603 Regency Glen Dr', 'Fredericksburg', 46, 22407, 5404559853);**  **INSERT INTO Customers VALUES( 'angela', 'swanson', '512 brentwood blvd', 'moosic', 38, 18507, 5706770801);**  **INSERT INTO Customers VALUES( 'aaron', 'sanders', '4805 winfree dr', 'houston', 43, 77021, 7137483570);**  **INSERT INTO Customers VALUES( 'angela', 'farley', '500 e 171st st', 'bronx', 32, 10457, 7185383621);**  **INSERT INTO Customers VALUES( 'dawn', 'anderson', '12333 deer lake drive', 'new port richey', 9, 34654, 7279926181);**  **INSERT INTO Customers VALUES( 'donna', 'heagen', '11 fairview lane', 'hazlet', 30, 98878, 7326144499);**  **INSERT INTO Customers VALUES( 'aaron', 'james', '2034 w 1245 s', 'syracuse', 44, 84075, 8018206234);**  **INSERT INTO Customers VALUES( 'samuel', 'asare', '7664 beth rd', 'richmond', 46, 23228, 8045255679);**  **INSERT INTO Customers VALUES( 'mike', 'burkhart', '1154 w 25th st 2nfl', 'erie', 38, 16502, 8144590886);**  **INSERT INTO Customers VALUES( 'raymond', 'gizzi', '19 franklin dr', 'stony point', 32, 10980, 8452165146);**  **INSERT INTO Customers VALUES( 'garold', 'benson', '103 gales ferry rd', 'groton', 7, 97799, 8604455798);**  **INSERT INTO Customers VALUES( 'alison', 'rech', '15609 calmut ave ne', 'prior lake', 23, 55372, 9522709216);**  **INSERT INTO Customers VALUES( 'anna', 'thompson', '6964 nw 19 ct', 'margate', 9, 33063, 9549721106);**  **INSERT INTO Customers VALUES( 'aashi', 'alexander', '3308 miriam ct', 'parsippany', 30, 98679, 9733341847);**  **INSERT INTO Customers VALUES( 'GERMAINE', 'NAULT', '200 SEAGLASS DR', 'MELBOURNE BEACH', 9, 32951, 6720718150);**  **INSERT INTO Customers VALUES( 'LELA', 'CARLTON', '1885 EMERSON AVE', 'BARTOW', 9, 33830, 2054440104);**  **INSERT INTO Customers VALUES( 'Ayman', 'Alsheikh', '197 8Th St', 'Boston', 21, 98799, 2065316211);**  **INSERT INTO Customers VALUES( 'Johnny', 'Garcia', '2646 N 50th Ln', 'Phoenix', 3, 85035, 6024558862);**  **INSERT INTO Customers VALUES( 'Angie', 'Wiegand', '1 Langford Ct', 'Bethalto', 13, 62010, 6183778395);**  **INSERT INTO Customers VALUES( 'Albert', 'Destefano', '499 Water Mill Towd Rd', 'Southampton', 32, 11968, 6312835474);**  **INSERT INTO Customers VALUES( 'Arturo', 'Agnone', 'PO Box 4128', 'Sunnyside', 32, 11104, 7182134359);**  **INSERT INTO Customers VALUES( 'Joe', 'Green', '236 South Plank Rd', 'Newburgh', 32, 12550, 8455640234);**  **INSERT INTO Customers VALUES( 'William', 'Cousins', '8806 Dorrington Ave', 'West Hollywood', 5, 90048, 2099103204);**  **INSERT INTO Customers VALUES( 'robin', 'ruggiero', '2574 allen ave', 'union', 30, 36415, 9088100420);**  **GO**    **--Inserting products into products table**  **INSERT INTO Products VALUES('Laptop Charger', 55.99, 69.99);**  **INSERT INTO Products VALUES('HDMI Cable', 15.99, 19.99);**  **INSERT INTO Products VALUES('Surger protector', 12, 15);**  **INSERT INTO Products VALUES('Wireless Keyboard', 31.99, 39.99);**  **INSERT INTO Products VALUES('Wireless Mouse', 15.99, 19.99);**  **INSERT INTO Products VALUES('Wired Mouse', 10.39, 12.99);**  **INSERT INTO Products VALUES('Mechanical keyboard', 79.99, 99.99);**  **INSERT INTO Products VALUES('Wired Keyboard', 15.99, 19.99);**  **INSERT INTO Products VALUES('Wired gaming Keyboard', 31.99, 39.99);**  **INSERT INTO Products VALUES('Wired gaming Mouse', 31.99, 39.99);**  **INSERT INTO Products VALUES('32GB Flash Drive', 19.99, 24.99);**  **INSERT INTO Products VALUES('64GB Flash Drive', 27.99, 34.99);**  **INSERT INTO Products VALUES('128GB Flash Drive', 35.99, 44.99);**  **INSERT INTO Products VALUES('External 500GB Hard Drive', 80.79, 100.99);**  **INSERT INTO Products VALUES('SSD 500GB Hard Drive', 127.99, 159.99);**  **INSERT INTO Products VALUES('Headphones', 6.39, 7.99);**  **INSERT INTO Products VALUES('BlueTooth Headphones', 22.39, 27.99);**  **INSERT INTO Products VALUES('Display Cleaning wipes', 3.99, 4.99);**  **INSERT INTO Products VALUES('Microfiber wipes', 3.99, 4.99);**  **INSERT INTO Products VALUES('USB WiFi dongle', 16.79, 20.99);**  **INSERT INTO Products VALUES('USB-C adapters', 15.99, 19.99);**  **INSERT INTO Products VALUES('Wireless display adapters', 28.79, 35.99);**  **INSERT INTO Products VALUES('HDMI to Display adapter', 15.99, 19.99);**  **INSERT INTO Products VALUES('USB wall chargers', 3.19, 3.99);**  **INSERT INTO Products VALUES('Wireless printers', 159.99, 199.99);**  **INSERT INTO Products VALUES('Hi-def speakers', 47.99, 59.99);**  **INSERT INTO Products VALUES('Bluetooth Speaker', 31.99, 39.99);**  **INSERT INTO Products VALUES('Hi-def Bluetooth Speaker', 47.99, 59.99);**  **INSERT INTO Products VALUES('USB extension cable', 4.79, 5.99);**  **INSERT INTO Products VALUES('HDMI extension cable', 7.99, 9.99);**  **INSERT INTO Products VALUES('HD Web-Cam', 31.99, 39.99);**  **INSERT INTO Products VALUES('AC Wireless Router', 127.99, 159.99);**  **INSERT INTO Products VALUES('Laptop case', 23.99, 29.99);**  **INSERT INTO Products VALUES('Executive laptop case', 39.99, 49.99);**  **INSERT INTO Products VALUES('Cooling laptop base', 15.99, 19.99);**  **INSERT INTO Products VALUES('portable laptop desk', 23.99, 29.99);**  **INSERT INTO Products VALUES('Anti-Virus software subscription', 31.99, 39.99);**  **INSERT INTO Products VALUES('Hardware cable ock', 11.19, 13.99);**  **INSERT INTO Products VALUES('laptop rental per month MAC', 159.99, 199.99);**  **INSERT INTO Products VALUES('laptop rental per month PC', 111.99, 139.99);**  **INSERT INTO Products VALUES('External Monitor 24"', 263.99, 329.99);**  **INSERT INTO Products VALUES('External Monitor 19"', 183, 229);**  **INSERT INTO Products VALUES('External Monitor UHD 30"', 799.99, 999.99);**  **INSERT INTO Products VALUES('External Blu-Ray player', 207.99, 259.99);**  **INSERT INTO Products VALUES('Printer', 79.99, 99.99);**  **INSERT INTO Products VALUES('Color Laser printer', 239.99, 299.99);**  **INSERT INTO Products VALUES('B&W Laser printer', 159.99, 199.99);**  **INSERT INTO Products VALUES('Screen protectors', 15.99, 19.99);**  **GO**    **--Inserting Employee data into employee table**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Charles', 'Wright', '13548 cherry st', 'thornton', 6, 80241, 2012369776, NULL);**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Kevin', 'Davis', '10217 el pinar dr', 'knoxville', 42, 37922, 8282670206, NULL);**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Nataya', 'Despain', '253 e 77th st', 'new york', 32, 10075, 7048618590, NULL);**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Steven', 'Rodgers', '236 South Plank Rd', 'Newburgh', 32, 12550, 6786013352, NULL);**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Victor', 'Stone', '2122 warwick ave apt 107d', 'warwick', 39, 12889, 7186480152, NULL);**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Anna', 'Marie', '126 blevins drive', 'shelby', 33, 28150, 7317646558, NULL);**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Peter', 'Parker', '167 varnedoe ave', 'savannah', 10, 31408, 7044878936, NULL);**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Courtney', 'Whitmore', '380 rector pl apt 8l', 'New york', 32, 10280, 3045626448, NULL);**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Queen', 'Hippolyta', '1006 s deakin st apt 2', 'moscow', 12, 83843, 3234223145, NULL);**  **INSERT INTO Employees(EmpFName, EmpLName, EmpAddress, EmpCity, EmpState, EmpZipCode, EmpPhone, ManagerId) VALUES('Fred', 'Flintstone', '1154 w 25th st 2nfl', 'erie', 38, 16502, 8037861221, NULL);**  **GO**    **--Inserting data into the Stores table**  **INSERT INTO Stores VALUES('800 W University Pkwy', 'Orem', 44, 84058, 8018675309);**  **INSERT INTO Stores VALUES('3111 North College Way', 'Heber City', 44, 84032, 8018636629);**  **INSERT INTO Stores VALUES('ASB Campus Drive', 'Provo', 44, 84602, 8014224636);**  **GO**  **--Populating the StoreProducts Table**  **INSERT INTO StoreProducts VALUES(1, 1, 83);**  **INSERT INTO StoreProducts VALUES(1, 2, 129);**  **INSERT INTO StoreProducts VALUES(1, 3, 63);**  **INSERT INTO StoreProducts VALUES(1, 4, 16);**  **INSERT INTO StoreProducts VALUES(1, 5, 34);**  **INSERT INTO StoreProducts VALUES(1, 6, 95);**  **INSERT INTO StoreProducts VALUES(1, 7, 120);**  **INSERT INTO StoreProducts VALUES(1, 8, 131);**  **INSERT INTO StoreProducts VALUES(1, 9, 26);**  **INSERT INTO StoreProducts VALUES(1, 10, 136);**  **INSERT INTO StoreProducts VALUES(1, 11, 10);**  **INSERT INTO StoreProducts VALUES(1, 12, 65);**  **INSERT INTO StoreProducts VALUES(1, 13, 107);**  **INSERT INTO StoreProducts VALUES(1, 14, 85);**  **INSERT INTO StoreProducts VALUES(1, 15, 5);**  **INSERT INTO StoreProducts VALUES(1, 16, 84);**  **INSERT INTO StoreProducts VALUES(1, 17, 147);**  **INSERT INTO StoreProducts VALUES(1, 18, 110);**  **INSERT INTO StoreProducts VALUES(1, 19, 137);**  **INSERT INTO StoreProducts VALUES(1, 20, 28);**  **INSERT INTO StoreProducts VALUES(1, 21, 74);**  **INSERT INTO StoreProducts VALUES(1, 22, 55);**  **INSERT INTO StoreProducts VALUES(1, 23, 119);**  **INSERT INTO StoreProducts VALUES(1, 24, 58);**  **INSERT INTO StoreProducts VALUES(1, 25, 68);**  **INSERT INTO StoreProducts VALUES(1, 26, 46);**  **INSERT INTO StoreProducts VALUES(1, 27, 28);**  **INSERT INTO StoreProducts VALUES(1, 28, 85);**  **INSERT INTO StoreProducts VALUES(1, 29, 58);**  **INSERT INTO StoreProducts VALUES(1, 30, 24);**  **INSERT INTO StoreProducts VALUES(1, 31, 57);**  **INSERT INTO StoreProducts VALUES(1, 32, 36);**  **INSERT INTO StoreProducts VALUES(1, 33, 42);**  **INSERT INTO StoreProducts VALUES(1, 34, 149);**  **INSERT INTO StoreProducts VALUES(1, 35, 78);**  **INSERT INTO StoreProducts VALUES(1, 36, 39);**  **INSERT INTO StoreProducts VALUES(1, 37, 92);**  **INSERT INTO StoreProducts VALUES(1, 38, 36);**  **INSERT INTO StoreProducts VALUES(1, 39, 36);**  **INSERT INTO StoreProducts VALUES(1, 40, 49);**  **INSERT INTO StoreProducts VALUES(1, 41, 144);**  **INSERT INTO StoreProducts VALUES(1, 42, 46);**  **INSERT INTO StoreProducts VALUES(1, 43, 97);**  **INSERT INTO StoreProducts VALUES(1, 44, 65);**  **INSERT INTO StoreProducts VALUES(1, 45, 117);**  **INSERT INTO StoreProducts VALUES(1, 46, 43);**  **INSERT INTO StoreProducts VALUES(1, 47, 69);**  **INSERT INTO StoreProducts VALUES(1, 48, 52);**  **INSERT INTO StoreProducts VALUES(2, 1, 21);**  **INSERT INTO StoreProducts VALUES(2, 2, 5);**  **INSERT INTO StoreProducts VALUES(2, 3, 40);**  **INSERT INTO StoreProducts VALUES(2, 4, 101);**  **INSERT INTO StoreProducts VALUES(2, 5, 71);**  **INSERT INTO StoreProducts VALUES(2, 6, 24);**  **INSERT INTO StoreProducts VALUES(2, 7, 123);**  **INSERT INTO StoreProducts VALUES(2, 8, 69);**  **INSERT INTO StoreProducts VALUES(2, 9, 135);**  **INSERT INTO StoreProducts VALUES(2, 10, 53);**  **INSERT INTO StoreProducts VALUES(2, 11, 73);**  **INSERT INTO StoreProducts VALUES(2, 12, 122);**  **INSERT INTO StoreProducts VALUES(2, 13, 118);**  **INSERT INTO StoreProducts VALUES(2, 14, 53);**  **INSERT INTO StoreProducts VALUES(2, 15, 12);**  **INSERT INTO StoreProducts VALUES(2, 16, 122);**  **INSERT INTO StoreProducts VALUES(2, 17, 61);**  **INSERT INTO StoreProducts VALUES(2, 18, 41);**  **INSERT INTO StoreProducts VALUES(2, 19, 15);**  **INSERT INTO StoreProducts VALUES(2, 20, 27);**  **INSERT INTO StoreProducts VALUES(2, 21, 101);**  **INSERT INTO StoreProducts VALUES(2, 22, 109);**  **INSERT INTO StoreProducts VALUES(2, 23, 29);**  **INSERT INTO StoreProducts VALUES(2, 24, 135);**  **INSERT INTO StoreProducts VALUES(2, 25, 62);**  **INSERT INTO StoreProducts VALUES(2, 26, 54);**  **INSERT INTO StoreProducts VALUES(2, 27, 63);**  **INSERT INTO StoreProducts VALUES(2, 28, 32);**  **INSERT INTO StoreProducts VALUES(2, 29, 4);**  **INSERT INTO StoreProducts VALUES(2, 30, 146);**  **INSERT INTO StoreProducts VALUES(2, 31, 61);**  **INSERT INTO StoreProducts VALUES(2, 32, 114);**  **INSERT INTO StoreProducts VALUES(2, 33, 5);**  **INSERT INTO StoreProducts VALUES(2, 34, 96);**  **INSERT INTO StoreProducts VALUES(2, 35, 147);**  **INSERT INTO StoreProducts VALUES(2, 36, 85);**  **INSERT INTO StoreProducts VALUES(2, 37, 105);**  **INSERT INTO StoreProducts VALUES(2, 38, 53);**  **INSERT INTO StoreProducts VALUES(2, 39, 56);**  **INSERT INTO StoreProducts VALUES(2, 40, 125);**  **INSERT INTO StoreProducts VALUES(2, 41, 29);**  **INSERT INTO StoreProducts VALUES(2, 42, 48);**  **INSERT INTO StoreProducts VALUES(2, 43, 71);**  **INSERT INTO StoreProducts VALUES(2, 44, 74);**  **INSERT INTO StoreProducts VALUES(2, 45, 77);**  **INSERT INTO StoreProducts VALUES(2, 46, 20);**  **INSERT INTO StoreProducts VALUES(2, 47, 42);**  **INSERT INTO StoreProducts VALUES(2, 48, 89);**  **INSERT INTO StoreProducts VALUES(3, 1, 83);**  **INSERT INTO StoreProducts VALUES(3, 2, 90);**  **INSERT INTO StoreProducts VALUES(3, 3, 49);**  **INSERT INTO StoreProducts VALUES(3, 4, 107);**  **INSERT INTO StoreProducts VALUES(3, 5, 70);**  **INSERT INTO StoreProducts VALUES(3, 6, 90);**  **INSERT INTO StoreProducts VALUES(3, 7, 148);**  **INSERT INTO StoreProducts VALUES(3, 8, 15);**  **INSERT INTO StoreProducts VALUES(3, 9, 53);**  **INSERT INTO StoreProducts VALUES(3, 10, 90);**  **INSERT INTO StoreProducts VALUES(3, 11, 47);**  **INSERT INTO StoreProducts VALUES(3, 12, 35);**  **INSERT INTO StoreProducts VALUES(3, 13, 31);**  **INSERT INTO StoreProducts VALUES(3, 14, 61);**  **INSERT INTO StoreProducts VALUES(3, 15, 84);**  **INSERT INTO StoreProducts VALUES(3, 16, 147);**  **INSERT INTO StoreProducts VALUES(3, 17, 37);**  **INSERT INTO StoreProducts VALUES(3, 18, 92);**  **INSERT INTO StoreProducts VALUES(3, 19, 32);**  **INSERT INTO StoreProducts VALUES(3, 20, 42);**  **INSERT INTO StoreProducts VALUES(3, 21, 89);**  **INSERT INTO StoreProducts VALUES(3, 22, 15);**  **INSERT INTO StoreProducts VALUES(3, 23, 39);**  **INSERT INTO StoreProducts VALUES(3, 24, 108);**  **INSERT INTO StoreProducts VALUES(3, 25, 145);**  **INSERT INTO StoreProducts VALUES(3, 26, 55);**  **INSERT INTO StoreProducts VALUES(3, 27, 98);**  **INSERT INTO StoreProducts VALUES(3, 28, 36);**  **INSERT INTO StoreProducts VALUES(3, 29, 60);**  **INSERT INTO StoreProducts VALUES(3, 30, 148);**  **INSERT INTO StoreProducts VALUES(3, 31, 63);**  **INSERT INTO StoreProducts VALUES(3, 32, 66);**  **INSERT INTO StoreProducts VALUES(3, 33, 137);**  **INSERT INTO StoreProducts VALUES(3, 34, 40);**  **INSERT INTO StoreProducts VALUES(3, 35, 16);**  **INSERT INTO StoreProducts VALUES(3, 36, 36);**  **INSERT INTO StoreProducts VALUES(3, 37, 120);**  **INSERT INTO StoreProducts VALUES(3, 38, 52);**  **INSERT INTO StoreProducts VALUES(3, 39, 43);**  **INSERT INTO StoreProducts VALUES(3, 40, 141);**  **INSERT INTO StoreProducts VALUES(3, 41, 29);**  **INSERT INTO StoreProducts VALUES(3, 42, 54);**  **INSERT INTO StoreProducts VALUES(3, 43, 149);**  **INSERT INTO StoreProducts VALUES(3, 44, 128);**  **INSERT INTO StoreProducts VALUES(3, 45, 97);**  **INSERT INTO StoreProducts VALUES(3, 46, 64);**  **INSERT INTO StoreProducts VALUES(3, 47, 150);**  **INSERT INTO StoreProducts VALUES(3, 48, 96);**  **GO**  **--Populating the Transactions Table**  **INSERT INTO Transactions VALUES('2016-04-01 06:50:17', 2, 4, 45);**  **INSERT INTO Transactions VALUES('2017-09-22 06:15:23', 2, 4, 50);**  **INSERT INTO Transactions VALUES('2018-02-15 08:26:41', 3, 7, 90);**  **INSERT INTO Transactions VALUES('2017-08-24 07:27:11', 2, 3, 2);**  **INSERT INTO Transactions VALUES('2017-11-01 08:45:44', 2, 4, 61);**  **INSERT INTO Transactions VALUES('2017-08-10 06:19:17', 2, 8, 11);**  **INSERT INTO Transactions VALUES('2018-03-15 08:06:03', 2, 3, 82);**  **INSERT INTO Transactions VALUES('2016-12-04 07:02:52', 3, 1, 15);**  **INSERT INTO Transactions VALUES('2017-06-12 07:06:55', 3, 3, 99);**  **INSERT INTO Transactions VALUES('2017-04-19 07:17:01', 1, 6, 77);**  **INSERT INTO Transactions VALUES('2016-12-27 07:37:27', 3, 9, 104);**  **INSERT INTO Transactions VALUES('2017-09-13 08:23:16', 3, 10, 72);**  **INSERT INTO Transactions VALUES('2018-01-19 06:55:29', 1, 9, 74);**  **INSERT INTO Transactions VALUES('2016-07-08 07:03:05', 3, 8, 68);**  **INSERT INTO Transactions VALUES('2017-11-22 06:11:08', 2, 1, 19);**  **INSERT INTO Transactions VALUES('2016-11-13 08:04:46', 1, 3, 50);**  **INSERT INTO Transactions VALUES('2016-04-02 08:25:48', 2, 8, 93);**  **INSERT INTO Transactions VALUES('2017-10-12 07:10:37', 2, 7, 105);**  **INSERT INTO Transactions VALUES('2016-07-06 07:10:19', 1, 5, 30);**  **INSERT INTO Transactions VALUES('2017-04-26 08:54:49', 3, 7, 21);**  **INSERT INTO Transactions VALUES('2017-07-24 06:39:10', 3, 5, 36);**  **INSERT INTO Transactions VALUES('2016-02-01 08:37:49', 1, 4, 52);**  **INSERT INTO Transactions VALUES('2016-03-01 08:31:40', 1, 3, 105);**  **INSERT INTO Transactions VALUES('2016-05-02 06:03:21', 2, 4, 31);**  **INSERT INTO Transactions VALUES('2018-02-04 08:20:25', 1, 3, 16);**  **INSERT INTO Transactions VALUES('2016-09-12 08:34:29', 3, 6, 44);**  **INSERT INTO Transactions VALUES('2017-09-17 07:59:17', 1, 2, 33);**  **INSERT INTO Transactions VALUES('2017-12-26 07:51:26', 2, 5, 10);**  **INSERT INTO Transactions VALUES('2017-12-19 07:05:11', 1, 3, 69);**  **INSERT INTO Transactions VALUES('2016-11-07 06:53:27', 1, 7, 88);**  **INSERT INTO Transactions VALUES('2017-06-10 08:54:05', 3, 7, 35);**  **INSERT INTO Transactions VALUES('2016-07-15 08:30:09', 1, 10, 73);**  **INSERT INTO Transactions VALUES('2016-06-15 08:46:17', 1, 4, 68);**  **INSERT INTO Transactions VALUES('2018-02-07 06:57:44', 3, 4, 94);**  **INSERT INTO Transactions VALUES('2018-01-05 06:29:58', 1, 2, 49);**  **INSERT INTO Transactions VALUES('2017-06-24 06:32:52', 1, 3, 69);**  **INSERT INTO Transactions VALUES('2016-11-15 06:18:04', 2, 2, 16);**  **INSERT INTO Transactions VALUES('2017-09-09 07:44:26', 1, 10, 56);**  **INSERT INTO Transactions VALUES('2016-10-14 07:37:03', 1, 4, 66);**  **INSERT INTO Transactions VALUES('2016-12-28 06:58:15', 2, 10, 22);**  **INSERT INTO Transactions VALUES('2016-02-14 08:50:01', 2, 2, 22);**  **INSERT INTO Transactions VALUES('2017-05-21 06:55:26', 1, 8, 98);**  **INSERT INTO Transactions VALUES('2017-09-14 07:46:29', 2, 2, 8);**  **INSERT INTO Transactions VALUES('2016-04-30 07:40:33', 2, 9, 35);**  **INSERT INTO Transactions VALUES('2017-07-23 06:16:00', 1, 3, 60);**  **INSERT INTO Transactions VALUES('2017-05-26 07:18:36', 1, 4, 101);**  **INSERT INTO Transactions VALUES('2016-12-28 08:57:42', 2, 6, 98);**  **INSERT INTO Transactions VALUES('2016-07-31 06:27:45', 1, 3, 48);**  **INSERT INTO Transactions VALUES('2018-02-20 06:06:13', 3, 4, 110);**  **INSERT INTO Transactions VALUES('2017-07-05 07:36:59', 2, 7, 98);**  **INSERT INTO Transactions VALUES('2017-09-09 08:32:26', 2, 9, 4);**  **INSERT INTO Transactions VALUES('2016-07-19 06:32:19', 1, 7, 26);**  **INSERT INTO Transactions VALUES('2017-03-01 06:46:57', 3, 1, 61);**  **INSERT INTO Transactions VALUES('2017-02-14 08:45:34', 1, 1, 24);**  **INSERT INTO Transactions VALUES('2016-06-09 07:44:37', 3, 3, 66);**  **INSERT INTO Transactions VALUES('2016-10-20 06:37:13', 3, 5, 100);**  **INSERT INTO Transactions VALUES('2016-08-13 08:59:02', 1, 2, 105);**  **INSERT INTO Transactions VALUES('2016-05-31 07:14:23', 2, 10, 98);**  **INSERT INTO Transactions VALUES('2016-06-29 08:17:28', 2, 1, 80);**  **INSERT INTO Transactions VALUES('2016-04-26 07:57:45', 3, 1, 37);**  **INSERT INTO Transactions VALUES('2016-03-05 07:29:45', 1, 4, 23);**  **INSERT INTO Transactions VALUES('2018-03-26 07:00:04', 3, 1, 88);**  **INSERT INTO Transactions VALUES('2017-11-13 07:47:04', 2, 6, 96);**  **INSERT INTO Transactions VALUES('2018-01-28 08:54:19', 3, 2, 27);**  **INSERT INTO Transactions VALUES('2017-01-21 08:19:41', 3, 3, 83);**  **INSERT INTO Transactions VALUES('2016-07-27 06:44:51', 2, 1, 62);**  **INSERT INTO Transactions VALUES('2017-08-06 08:59:22', 3, 4, 27);**  **INSERT INTO Transactions VALUES('2017-06-27 06:07:09', 2, 4, 71);**  **INSERT INTO Transactions VALUES('2016-02-16 08:42:47', 3, 8, 108);**  **INSERT INTO Transactions VALUES('2016-06-25 07:34:45', 1, 2, 24);**  **INSERT INTO Transactions VALUES('2016-04-07 08:51:20', 2, 7, 110);**  **INSERT INTO Transactions VALUES('2016-02-07 07:11:34', 2, 4, 23);**  **INSERT INTO Transactions VALUES('2018-02-28 06:20:45', 1, 6, 86);**  **INSERT INTO Transactions VALUES('2016-08-06 08:15:56', 3, 1, 39);**  **INSERT INTO Transactions VALUES('2016-05-12 08:53:09', 1, 3, 61);**  **INSERT INTO Transactions VALUES('2017-11-22 06:01:27', 1, 10, 48);**  **INSERT INTO Transactions VALUES('2018-03-19 08:44:44', 2, 8, 38);**  **INSERT INTO Transactions VALUES('2017-01-08 06:15:07', 3, 6, 107);**  **INSERT INTO Transactions VALUES('2018-03-12 06:50:42', 1, 8, 90);**  **INSERT INTO Transactions VALUES('2016-07-03 06:19:42', 1, 4, 44);**  **INSERT INTO Transactions VALUES('2017-02-23 08:59:12', 1, 1, 54);**  **INSERT INTO Transactions VALUES('2017-08-22 06:44:29', 2, 4, 17);**  **INSERT INTO Transactions VALUES('2017-04-29 07:57:20', 3, 5, 10);**  **INSERT INTO Transactions VALUES('2016-11-06 08:16:14', 2, 4, 108);**  **INSERT INTO Transactions VALUES('2016-04-04 07:41:12', 2, 8, 33);**  **INSERT INTO Transactions VALUES('2016-03-25 07:31:58', 1, 7, 21);**  **INSERT INTO Transactions VALUES('2018-01-07 06:53:00', 1, 10, 18);**  **INSERT INTO Transactions VALUES('2018-02-20 08:19:46', 1, 8, 107);**  **INSERT INTO Transactions VALUES('2016-07-08 06:58:21', 1, 2, 40);**  **INSERT INTO Transactions VALUES('2016-05-27 06:41:45', 3, 2, 48);**  **INSERT INTO Transactions VALUES('2016-09-12 06:43:14', 1, 3, 74);**  **INSERT INTO Transactions VALUES('2017-02-06 07:09:48', 3, 5, 7);**  **INSERT INTO Transactions VALUES('2017-12-19 07:42:44', 1, 10, 28);**  **INSERT INTO Transactions VALUES('2017-11-10 06:51:06', 2, 9, 34);**  **INSERT INTO Transactions VALUES('2016-07-07 07:05:27', 2, 1, 63);**  **INSERT INTO Transactions VALUES('2017-06-22 06:00:47', 3, 5, 91);**  **INSERT INTO Transactions VALUES('2017-10-12 08:07:42', 2, 6, 100);**  **INSERT INTO Transactions VALUES('2016-07-21 08:29:33', 1, 9, 59);**  **INSERT INTO Transactions VALUES('2016-03-13 07:24:32', 3, 1, 30);**  **INSERT INTO Transactions VALUES('2016-11-25 08:10:52', 3, 6, 22);**  **INSERT INTO Transactions VALUES('2017-10-09 07:13:10', 1, 1, 95);**  **INSERT INTO Transactions VALUES('2017-07-09 08:06:00', 1, 10, 68);**  **INSERT INTO Transactions VALUES('2018-03-30 07:20:16', 2, 2, 3);**  **INSERT INTO Transactions VALUES('2017-03-15 06:39:16', 3, 8, 42);**  **INSERT INTO Transactions VALUES('2018-03-30 08:51:30', 3, 1, 24);**  **INSERT INTO Transactions VALUES('2017-03-15 07:32:52', 3, 1, 26);**  **INSERT INTO Transactions VALUES('2017-09-06 08:48:02', 3, 9, 9);**  **INSERT INTO Transactions VALUES('2017-06-24 06:32:55', 1, 1, 97);**  **INSERT INTO Transactions VALUES('2016-09-23 07:11:11', 3, 4, 57);**  **INSERT INTO Transactions VALUES('2017-09-21 06:02:32', 2, 10, 34);**  **INSERT INTO Transactions VALUES('2016-12-08 07:54:32', 1, 4, 65);**  **INSERT INTO Transactions VALUES('2016-03-04 08:56:26', 1, 4, 73);**  **INSERT INTO Transactions VALUES('2017-04-04 08:39:36', 1, 1, 59);**  **INSERT INTO Transactions VALUES('2016-01-13 08:30:53', 2, 9, 48);**  **INSERT INTO Transactions VALUES('2016-10-27 07:28:41', 2, 6, 47);**  **INSERT INTO Transactions VALUES('2016-01-22 07:55:41', 1, 2, 55);**  **INSERT INTO Transactions VALUES('2017-09-13 07:40:11', 2, 8, 102);**  **INSERT INTO Transactions VALUES('2016-07-09 07:25:47', 2, 10, 75);**  **INSERT INTO Transactions VALUES('2018-02-09 06:04:02', 3, 10, 21);**  **INSERT INTO Transactions VALUES('2016-05-15 08:14:58', 1, 4, 28);**  **INSERT INTO Transactions VALUES('2018-01-04 07:10:24', 2, 4, 1);**  **INSERT INTO Transactions VALUES('2016-06-16 06:40:04', 3, 6, 16);**  **INSERT INTO Transactions VALUES('2017-01-24 08:35:26', 2, 6, 105);**  **INSERT INTO Transactions VALUES('2017-05-19 07:43:09', 2, 3, 24);**  **INSERT INTO Transactions VALUES('2016-05-19 06:34:38', 3, 9, 2);**  **INSERT INTO Transactions VALUES('2017-05-28 08:20:28', 3, 4, 44);**  **INSERT INTO Transactions VALUES('2018-03-13 06:01:59', 1, 2, 76);**  **INSERT INTO Transactions VALUES('2016-03-02 07:19:08', 2, 3, 62);**  **INSERT INTO Transactions VALUES('2016-07-16 07:19:27', 3, 5, 93);**  **INSERT INTO Transactions VALUES('2016-08-15 08:15:00', 2, 9, 61);**  **INSERT INTO Transactions VALUES('2018-02-09 08:59:13', 3, 9, 72);**  **INSERT INTO Transactions VALUES('2017-01-26 08:24:13', 2, 3, 98);**  **INSERT INTO Transactions VALUES('2017-10-13 08:12:25', 1, 8, 104);**  **INSERT INTO Transactions VALUES('2017-01-03 06:46:50', 2, 6, 11);**  **INSERT INTO Transactions VALUES('2017-01-10 08:03:52', 2, 5, 19);**  **INSERT INTO Transactions VALUES('2016-09-29 08:16:30', 2, 3, 35);**  **INSERT INTO Transactions VALUES('2016-09-01 08:51:13', 3, 1, 106);**  **INSERT INTO Transactions VALUES('2018-01-26 08:33:09', 3, 8, 76);**  **INSERT INTO Transactions VALUES('2018-01-31 07:34:14', 2, 6, 106);**  **INSERT INTO Transactions VALUES('2016-06-14 07:23:19', 2, 9, 43);**  **INSERT INTO Transactions VALUES('2017-02-05 07:58:18', 1, 8, 108);**  **INSERT INTO Transactions VALUES('2016-08-18 08:07:36', 1, 10, 18);**  **INSERT INTO Transactions VALUES('2017-10-31 07:49:43', 2, 8, 91);**  **INSERT INTO Transactions VALUES('2017-01-23 08:26:03', 3, 9, 22);**  **INSERT INTO Transactions VALUES('2017-01-24 08:46:25', 1, 10, 102);**  **INSERT INTO Transactions VALUES('2017-01-25 06:23:24', 1, 1, 102);**  **INSERT INTO Transactions VALUES('2017-01-26 06:25:51', 3, 4, 29);**  **INSERT INTO Transactions VALUES('2017-01-27 06:18:57', 2, 6, 82);**  **INSERT INTO Transactions VALUES('2017-01-28 08:08:20', 2, 10, 25);**  **INSERT INTO Transactions VALUES('2017-01-29 08:41:53', 1, 6, 50);**  **GO**  **--Populating the ProductsSold Table**  **INSERT INTO ProductsSold VALUES(103, 22, 14.11, 3, 41);**  **INSERT INTO ProductsSold VALUES(104, 9, 15.27, 3, 11);**  **INSERT INTO ProductsSold VALUES(115, 15, 12.03, 1, 31);**  **INSERT INTO ProductsSold VALUES(62, 10, 6.6, 3, 32);**  **INSERT INTO ProductsSold VALUES(115, 22, 18.21, 1, 30);**  **INSERT INTO ProductsSold VALUES(134, 9, 15.18, 3, 36);**  **INSERT INTO ProductsSold VALUES(3, 19, 6.4, 2, 46);**  **INSERT INTO ProductsSold VALUES(52, 17, 9.04, 2, 28);**  **INSERT INTO ProductsSold VALUES(75, 20, 16.29, 3, 29);**  **INSERT INTO ProductsSold VALUES(138, 25, 19.6, 2, 21);**  **INSERT INTO ProductsSold VALUES(27, 12, 18.19, 3, 17);**  **INSERT INTO ProductsSold VALUES(48, 1, 7.5, 3, 44);**  **INSERT INTO ProductsSold VALUES(124, 24, 0.04, 3, 19);**  **INSERT INTO ProductsSold VALUES(134, 1, 15.35, 2, 16);**  **INSERT INTO ProductsSold VALUES(42, 20, 4.94, 1, 36);**  **INSERT INTO ProductsSold VALUES(129, 4, 19.96, 3, 25);**  **INSERT INTO ProductsSold VALUES(78, 21, 5.43, 2, 34);**  **INSERT INTO ProductsSold VALUES(54, 4, 17.77, 1, 20);**  **INSERT INTO ProductsSold VALUES(131, 1, 7.73, 2, 17);**  **INSERT INTO ProductsSold VALUES(67, 19, 2.53, 1, 1);**  **INSERT INTO ProductsSold VALUES(50, 5, 7.49, 2, 6);**  **INSERT INTO ProductsSold VALUES(74, 19, 15.81, 3, 34);**  **INSERT INTO ProductsSold VALUES(123, 10, 15.9, 1, 29);**  **INSERT INTO ProductsSold VALUES(122, 10, 5.53, 1, 43);**  **INSERT INTO ProductsSold VALUES(59, 20, 16.91, 2, 40);**  **INSERT INTO ProductsSold VALUES(96, 2, 13.19, 1, 26);**  **INSERT INTO ProductsSold VALUES(99, 25, 11.61, 1, 21);**  **INSERT INTO ProductsSold VALUES(81, 9, 2.9, 3, 31);**  **INSERT INTO ProductsSold VALUES(121, 8, 9.51, 2, 39);**  **INSERT INTO ProductsSold VALUES(145, 17, 0.97, 2, 15);**  **INSERT INTO ProductsSold VALUES(61, 13, 7.76, 2, 3);**  **INSERT INTO ProductsSold VALUES(107, 2, 3.54, 3, 37);**  **INSERT INTO ProductsSold VALUES(100, 24, 6.95, 1, 35);**  **INSERT INTO ProductsSold VALUES(41, 2, 5.76, 2, 18);**  **INSERT INTO ProductsSold VALUES(119, 5, 19.95, 3, 4);**  **INSERT INTO ProductsSold VALUES(102, 7, 4.22, 1, 48);**  **INSERT INTO ProductsSold VALUES(80, 20, 5.43, 2, 3);**  **INSERT INTO ProductsSold VALUES(25, 24, 11.73, 1, 8);**  **INSERT INTO ProductsSold VALUES(108, 17, 1.31, 1, 26);**  **INSERT INTO ProductsSold VALUES(119, 20, 7.89, 3, 34);**  **INSERT INTO ProductsSold VALUES(126, 16, 3.3, 3, 48);**  **INSERT INTO ProductsSold VALUES(30, 9, 17.62, 3, 28);**  **INSERT INTO ProductsSold VALUES(45, 24, 1.16, 3, 27);**  **INSERT INTO ProductsSold VALUES(31, 16, 8.81, 1, 27);**  **INSERT INTO ProductsSold VALUES(81, 12, 1.87, 1, 45);**  **INSERT INTO ProductsSold VALUES(57, 7, 11.68, 3, 12);**  **INSERT INTO ProductsSold VALUES(53, 3, 16.6, 3, 37);**  **INSERT INTO ProductsSold VALUES(31, 8, 5.93, 2, 14);**  **INSERT INTO ProductsSold VALUES(58, 2, 10.25, 3, 4);**  **INSERT INTO ProductsSold VALUES(10, 17, 15.69, 3, 33);**  **INSERT INTO ProductsSold VALUES(1, 5, 0.73, 3, 15);**  **INSERT INTO ProductsSold VALUES(87, 5, 11.91, 1, 37);**  **INSERT INTO ProductsSold VALUES(9, 21, 15.36, 1, 6);**  **INSERT INTO ProductsSold VALUES(142, 3, 14.49, 3, 14);**  **INSERT INTO ProductsSold VALUES(67, 13, 3.51, 1, 38);**  **INSERT INTO ProductsSold VALUES(83, 17, 19.85, 2, 30);**  **INSERT INTO ProductsSold VALUES(21, 13, 1.32, 3, 29);**  **INSERT INTO ProductsSold VALUES(48, 23, 15.33, 1, 47);**  **INSERT INTO ProductsSold VALUES(118, 14, 0.62, 3, 45);**  **INSERT INTO ProductsSold VALUES(1, 17, 13.84, 1, 40);**  **INSERT INTO ProductsSold VALUES(11, 22, 18.22, 1, 35);**  **INSERT INTO ProductsSold VALUES(147, 12, 1.18, 1, 5);**  **INSERT INTO ProductsSold VALUES(36, 20, 7.7, 2, 1);**  **INSERT INTO ProductsSold VALUES(144, 2, 14.39, 1, 3);**  **INSERT INTO ProductsSold VALUES(38, 22, 2.7, 1, 32);**  **INSERT INTO ProductsSold VALUES(36, 13, 3.18, 3, 37);**  **INSERT INTO ProductsSold VALUES(80, 9, 3.76, 1, 5);**  **INSERT INTO ProductsSold VALUES(49, 10, 17.41, 1, 8);**  **INSERT INTO ProductsSold VALUES(104, 6, 4.72, 3, 38);**  **INSERT INTO ProductsSold VALUES(84, 13, 1.05, 3, 6);**  **INSERT INTO ProductsSold VALUES(73, 8, 8.47, 2, 10);**  **INSERT INTO ProductsSold VALUES(88, 17, 7.85, 3, 28);**  **INSERT INTO ProductsSold VALUES(118, 15, 5.74, 1, 40);**  **INSERT INTO ProductsSold VALUES(83, 15, 1.29, 1, 18);**  **INSERT INTO ProductsSold VALUES(10, 16, 18.68, 3, 46);**  **INSERT INTO ProductsSold VALUES(109, 21, 16.62, 3, 45);**  **INSERT INTO ProductsSold VALUES(21, 9, 18.18, 2, 39);**  **INSERT INTO ProductsSold VALUES(102, 2, 14.93, 3, 8);**  **INSERT INTO ProductsSold VALUES(98, 20, 7.83, 1, 31);**  **INSERT INTO ProductsSold VALUES(20, 12, 18.49, 2, 47);**  **INSERT INTO ProductsSold VALUES(57, 12, 3.64, 3, 13);**  **INSERT INTO ProductsSold VALUES(147, 25, 6.96, 2, 47);**  **INSERT INTO ProductsSold VALUES(77, 1, 19.56, 1, 34);**  **INSERT INTO ProductsSold VALUES(68, 25, 7.5, 1, 41);**  **INSERT INTO ProductsSold VALUES(104, 22, 3.89, 2, 19);**  **INSERT INTO ProductsSold VALUES(92, 7, 2.09, 3, 44);**  **INSERT INTO ProductsSold VALUES(117, 18, 4.48, 1, 47);**  **INSERT INTO ProductsSold VALUES(90, 20, 18.98, 2, 14);**  **INSERT INTO ProductsSold VALUES(9, 25, 14.72, 2, 7);**  **INSERT INTO ProductsSold VALUES(4, 23, 4.44, 3, 47);**  **INSERT INTO ProductsSold VALUES(75, 13, 17.34, 3, 20);**  **INSERT INTO ProductsSold VALUES(58, 5, 1.14, 3, 36);**  **INSERT INTO ProductsSold VALUES(112, 3, 1.1, 1, 30);**  **INSERT INTO ProductsSold VALUES(86, 12, 14.7, 1, 40);**  **INSERT INTO ProductsSold VALUES(88, 15, 4.25, 3, 3);**  **INSERT INTO ProductsSold VALUES(132, 4, 9.72, 3, 42);**  **INSERT INTO ProductsSold VALUES(35, 2, 0.37, 3, 36);**  **INSERT INTO ProductsSold VALUES(74, 15, 2.97, 1, 6);**  **INSERT INTO ProductsSold VALUES(107, 21, 5.67, 2, 12);**  **INSERT INTO ProductsSold VALUES(38, 20, 16.99, 3, 33);**  **INSERT INTO ProductsSold VALUES(125, 3, 11.07, 2, 39);**  **INSERT INTO ProductsSold VALUES(73, 13, 4.8, 3, 10);**  **INSERT INTO ProductsSold VALUES(146, 7, 16.35, 1, 2);**  **INSERT INTO ProductsSold VALUES(34, 5, 7.97, 2, 14);**  **INSERT INTO ProductsSold VALUES(8, 10, 12.08, 2, 19);**  **INSERT INTO ProductsSold VALUES(48, 19, 3.19, 2, 1);**  **INSERT INTO ProductsSold VALUES(93, 8, 19.7, 1, 18);**  **INSERT INTO ProductsSold VALUES(116, 19, 3.92, 3, 21);**  **INSERT INTO ProductsSold VALUES(8, 19, 19.82, 3, 16);**  **INSERT INTO ProductsSold VALUES(42, 3, 3.35, 1, 37);**  **INSERT INTO ProductsSold VALUES(124, 23, 2.76, 3, 47);**  **INSERT INTO ProductsSold VALUES(100, 16, 6, 3, 28);**  **INSERT INTO ProductsSold VALUES(23, 10, 17.47, 1, 7);**  **INSERT INTO ProductsSold VALUES(119, 9, 18.79, 1, 7);**  **INSERT INTO ProductsSold VALUES(118, 4, 18.86, 3, 17);**  **INSERT INTO ProductsSold VALUES(131, 11, 15.3, 1, 22);**  **INSERT INTO ProductsSold VALUES(23, 15, 2.96, 2, 39);**  **INSERT INTO ProductsSold VALUES(128, 9, 19.31, 1, 32);**  **INSERT INTO ProductsSold VALUES(2, 1, 2.66, 3, 36);**  **INSERT INTO ProductsSold VALUES(73, 3, 10.45, 1, 20);**  **INSERT INTO ProductsSold VALUES(79, 22, 9.79, 2, 22);**  **INSERT INTO ProductsSold VALUES(92, 21, 7.59, 3, 45);**  **INSERT INTO ProductsSold VALUES(1, 24, 7.3, 1, 40);**  **INSERT INTO ProductsSold VALUES(50, 8, 0.34, 2, 12);**  **INSERT INTO ProductsSold VALUES(55, 13, 15.96, 2, 28);**  **INSERT INTO ProductsSold VALUES(50, 9, 2.55, 2, 10);**  **INSERT INTO ProductsSold VALUES(89, 5, 0.01, 3, 4);**  **INSERT INTO ProductsSold VALUES(70, 16, 2.28, 2, 33);**  **INSERT INTO ProductsSold VALUES(91, 2, 2.4, 2, 43);**  **INSERT INTO ProductsSold VALUES(84, 5, 12.97, 3, 4);**  **INSERT INTO ProductsSold VALUES(99, 18, 18.65, 1, 29);**  **INSERT INTO ProductsSold VALUES(138, 18, 15.25, 3, 30);**  **INSERT INTO ProductsSold VALUES(91, 15, 5.53, 2, 27);**  **INSERT INTO ProductsSold VALUES(102, 18, 11.38, 3, 42);**  **INSERT INTO ProductsSold VALUES(43, 23, 3.31, 2, 11);**  **INSERT INTO ProductsSold VALUES(100, 18, 4.75, 2, 37);**  **INSERT INTO ProductsSold VALUES(94, 1, 11.38, 1, 25);**  **INSERT INTO ProductsSold VALUES(150, 12, 4.18, 3, 42);**  **INSERT INTO ProductsSold VALUES(27, 6, 12.65, 1, 37);**  **INSERT INTO ProductsSold VALUES(86, 13, 13.61, 1, 48);**  **INSERT INTO ProductsSold VALUES(89, 12, 1.47, 2, 34);**  **INSERT INTO ProductsSold VALUES(113, 4, 7.55, 1, 35);**  **INSERT INTO ProductsSold VALUES(141, 19, 1.26, 2, 37);**  **INSERT INTO ProductsSold VALUES(25, 25, 14.72, 3, 41);**  **INSERT INTO ProductsSold VALUES(88, 12, 2.45, 3, 27);**  **INSERT INTO ProductsSold VALUES(137, 7, 8.03, 2, 16);**  **INSERT INTO ProductsSold VALUES(59, 13, 13.68, 1, 20);**  **INSERT INTO ProductsSold VALUES(40, 17, 6.31, 1, 25);**  **INSERT INTO ProductsSold VALUES(75, 6, 13.41, 3, 42);**  **INSERT INTO ProductsSold VALUES(108, 20, 15.94, 3, 11);**  **INSERT INTO ProductsSold VALUES(37, 8, 6.16, 3, 31);**  **INSERT INTO ProductsSold VALUES(63, 25, 7.55, 2, 34);**  **INSERT INTO ProductsSold VALUES(10, 19, 15.24, 2, 41);**  **INSERT INTO ProductsSold VALUES(29, 9, 1.48, 3, 5);**  **INSERT INTO ProductsSold VALUES(102, 21, 16.67, 2, 4);**  **INSERT INTO ProductsSold VALUES(125, 21, 3.48, 1, 31);**  **INSERT INTO ProductsSold VALUES(73, 24, 17.55, 1, 10);**  **INSERT INTO ProductsSold VALUES(137, 10, 1.57, 3, 20);**  **INSERT INTO ProductsSold VALUES(61, 11, 15.94, 3, 25);**  **INSERT INTO ProductsSold VALUES(82, 11, 12.12, 3, 36);**  **INSERT INTO ProductsSold VALUES(84, 12, 13.95, 1, 13);**  **INSERT INTO ProductsSold VALUES(47, 18, 5.81, 3, 6);**  **INSERT INTO ProductsSold VALUES(31, 6, 17.82, 2, 44);**  **INSERT INTO ProductsSold VALUES(12, 18, 19.8, 3, 3);**  **INSERT INTO ProductsSold VALUES(88, 15, 13.05, 2, 18);**  **INSERT INTO ProductsSold VALUES(53, 8, 2.81, 1, 4);**  **INSERT INTO ProductsSold VALUES(107, 17, 5.95, 3, 34);**  **INSERT INTO ProductsSold VALUES(49, 4, 13, 3, 8);**  **INSERT INTO ProductsSold VALUES(12, 9, 4.2, 2, 23);**  **INSERT INTO ProductsSold VALUES(76, 17, 15.03, 3, 39);**  **INSERT INTO ProductsSold VALUES(88, 14, 9.53, 1, 10);**  **INSERT INTO ProductsSold VALUES(113, 7, 5.35, 2, 9);**  **INSERT INTO ProductsSold VALUES(44, 9, 11.53, 1, 16);**  **INSERT INTO ProductsSold VALUES(15, 1, 0.03, 1, 29);**  **INSERT INTO ProductsSold VALUES(47, 17, 6.13, 3, 3);**  **INSERT INTO ProductsSold VALUES(11, 8, 6.04, 2, 12);**  **INSERT INTO ProductsSold VALUES(55, 4, 15.73, 1, 48);**  **INSERT INTO ProductsSold VALUES(136, 1, 0.18, 1, 5);**  **INSERT INTO ProductsSold VALUES(38, 14, 17.2, 3, 29);**  **INSERT INTO ProductsSold VALUES(128, 6, 15.58, 3, 7);**  **INSERT INTO ProductsSold VALUES(60, 23, 6, 1, 39);**  **INSERT INTO ProductsSold VALUES(60, 16, 5.59, 3, 5);**  **INSERT INTO ProductsSold VALUES(64, 13, 17.67, 3, 5);**  **INSERT INTO ProductsSold VALUES(30, 8, 13.66, 2, 34);**  **INSERT INTO ProductsSold VALUES(128, 13, 19.78, 2, 5);**  **INSERT INTO ProductsSold VALUES(99, 5, 19.03, 2, 5);**  **INSERT INTO ProductsSold VALUES(41, 3, 7.5, 1, 19);**  **INSERT INTO ProductsSold VALUES(112, 18, 6.46, 2, 46);**  **INSERT INTO ProductsSold VALUES(9, 8, 13.36, 3, 28);**  **INSERT INTO ProductsSold VALUES(38, 21, 11.93, 1, 39);**  **INSERT INTO ProductsSold VALUES(118, 15, 16.42, 1, 30);**  **INSERT INTO ProductsSold VALUES(109, 17, 7.4, 3, 26);**  **INSERT INTO ProductsSold VALUES(114, 9, 8.5, 1, 46);**  **INSERT INTO ProductsSold VALUES(13, 23, 2.59, 3, 40);**  **INSERT INTO ProductsSold VALUES(77, 1, 9.45, 3, 5);**  **INSERT INTO ProductsSold VALUES(130, 11, 14.86, 1, 28);**  **INSERT INTO ProductsSold VALUES(9, 6, 5.23, 3, 27);**  **INSERT INTO ProductsSold VALUES(39, 1, 2.64, 3, 1);**  **INSERT INTO ProductsSold VALUES(149, 10, 14.75, 2, 10);**  **INSERT INTO ProductsSold VALUES(51, 18, 11.54, 1, 34);**  **INSERT INTO ProductsSold VALUES(136, 17, 14.54, 3, 34);**  **INSERT INTO ProductsSold VALUES(111, 15, 0, 2, 36);**  **INSERT INTO ProductsSold VALUES(113, 4, 17.97, 3, 10);**  **INSERT INTO ProductsSold VALUES(44, 6, 2.6, 1, 40);**  **INSERT INTO ProductsSold VALUES(132, 10, 13.95, 2, 22);**  **INSERT INTO ProductsSold VALUES(8, 12, 17.93, 3, 44);**  **INSERT INTO ProductsSold VALUES(64, 2, 3.07, 1, 24);**  **INSERT INTO ProductsSold VALUES(82, 3, 11.04, 1, 19);**  **INSERT INTO ProductsSold VALUES(81, 11, 12.08, 2, 27);**  **INSERT INTO ProductsSold VALUES(149, 23, 2.06, 2, 36);**  **INSERT INTO ProductsSold VALUES(33, 18, 0.12, 1, 24);**  **INSERT INTO ProductsSold VALUES(70, 2, 8.82, 2, 31);**  **INSERT INTO ProductsSold VALUES(85, 15, 12.71, 1, 3);**  **INSERT INTO ProductsSold VALUES(4, 24, 10.59, 1, 21);**  **INSERT INTO ProductsSold VALUES(17, 15, 14.73, 1, 2);**  **INSERT INTO ProductsSold VALUES(85, 7, 8.04, 2, 30);**  **INSERT INTO ProductsSold VALUES(28, 16, 12.34, 1, 28);**  **INSERT INTO ProductsSold VALUES(23, 7, 0.43, 1, 40);**  **INSERT INTO ProductsSold VALUES(45, 3, 18.5, 1, 42);**  **INSERT INTO ProductsSold VALUES(10, 15, 1.64, 3, 43);**  **INSERT INTO ProductsSold VALUES(86, 8, 17.47, 1, 12);**  **INSERT INTO ProductsSold VALUES(145, 12, 13.26, 1, 20);**  **INSERT INTO ProductsSold VALUES(65, 17, 19.24, 1, 41);**  **INSERT INTO ProductsSold VALUES(147, 5, 19.8, 3, 47);**  **INSERT INTO ProductsSold VALUES(95, 1, 0.89, 1, 30);**  **INSERT INTO ProductsSold VALUES(66, 4, 19.72, 1, 45);**  **INSERT INTO ProductsSold VALUES(130, 13, 11.9, 1, 43);**  **INSERT INTO ProductsSold VALUES(99, 14, 16.16, 2, 1);**  **INSERT INTO ProductsSold VALUES(117, 12, 18.23, 1, 47);**  **INSERT INTO ProductsSold VALUES(123, 25, 10.79, 3, 16);**  **INSERT INTO ProductsSold VALUES(89, 4, 8.53, 3, 14);**  **INSERT INTO ProductsSold VALUES(108, 9, 4.39, 1, 14);**  **INSERT INTO ProductsSold VALUES(50, 5, 19.04, 3, 3);**  **INSERT INTO ProductsSold VALUES(44, 11, 16.38, 2, 9);**  **INSERT INTO ProductsSold VALUES(54, 22, 1.7, 3, 27);**  **INSERT INTO ProductsSold VALUES(118, 8, 14.77, 2, 47);**  **INSERT INTO ProductsSold VALUES(110, 12, 14.08, 3, 9);**  **INSERT INTO ProductsSold VALUES(77, 2, 10.14, 3, 13);**  **INSERT INTO ProductsSold VALUES(108, 17, 12.33, 1, 20);**  **INSERT INTO ProductsSold VALUES(137, 21, 5.97, 1, 12);**  **INSERT INTO ProductsSold VALUES(86, 15, 1.07, 1, 48);**  **INSERT INTO ProductsSold VALUES(128, 12, 0.68, 2, 24);**  **INSERT INTO ProductsSold VALUES(123, 23, 16.96, 3, 40);**  **INSERT INTO ProductsSold VALUES(125, 14, 13.72, 2, 31);**  **INSERT INTO ProductsSold VALUES(138, 16, 4.74, 1, 43);**  **INSERT INTO ProductsSold VALUES(90, 22, 14.81, 3, 34);**  **INSERT INTO ProductsSold VALUES(2, 2, 6.95, 2, 11);**  **INSERT INTO ProductsSold VALUES(91, 19, 5.87, 1, 9);**  **INSERT INTO ProductsSold VALUES(9, 12, 4.63, 2, 26);**  **INSERT INTO ProductsSold VALUES(72, 14, 8.49, 2, 4);**  **INSERT INTO ProductsSold VALUES(58, 12, 1.08, 1, 15);**  **INSERT INTO ProductsSold VALUES(28, 22, 2.36, 1, 18);**  **INSERT INTO ProductsSold VALUES(10, 18, 12.25, 1, 27);**  **INSERT INTO ProductsSold VALUES(23, 20, 2.62, 3, 2);**  **INSERT INTO ProductsSold VALUES(109, 7, 14.3, 1, 30);**  **INSERT INTO ProductsSold VALUES(88, 22, 11.83, 3, 8);**  **INSERT INTO ProductsSold VALUES(92, 4, 9.41, 2, 18);**  **INSERT INTO ProductsSold VALUES(135, 23, 2.2, 3, 39);**  **INSERT INTO ProductsSold VALUES(140, 3, 14.17, 1, 8);**  **INSERT INTO ProductsSold VALUES(132, 19, 19.86, 1, 7);**  **INSERT INTO ProductsSold VALUES(140, 24, 2.08, 3, 46);**  **INSERT INTO ProductsSold VALUES(126, 23, 8.51, 1, 18);**  **INSERT INTO ProductsSold VALUES(106, 20, 7.39, 2, 29);**  **INSERT INTO ProductsSold VALUES(97, 23, 16.25, 2, 40);**  **INSERT INTO ProductsSold VALUES(72, 3, 17.04, 3, 47);**  **INSERT INTO ProductsSold VALUES(9, 12, 15.02, 2, 43);**  **INSERT INTO ProductsSold VALUES(33, 8, 2, 2, 18);**  **INSERT INTO ProductsSold VALUES(106, 9, 7.3, 2, 19);**  **INSERT INTO ProductsSold VALUES(92, 1, 3.2, 2, 4);**  **INSERT INTO ProductsSold VALUES(76, 8, 0.12, 1, 13);**  **INSERT INTO ProductsSold VALUES(138, 10, 2.18, 3, 5);**  **INSERT INTO ProductsSold VALUES(94, 5, 5.9, 3, 39);**  **INSERT INTO ProductsSold VALUES(67, 25, 1.46, 2, 37);**  **INSERT INTO ProductsSold VALUES(118, 11, 7.63, 1, 34);**  **INSERT INTO ProductsSold VALUES(117, 9, 11.03, 3, 35);**  **INSERT INTO ProductsSold VALUES(112, 19, 0.16, 3, 1);**  **INSERT INTO ProductsSold VALUES(118, 24, 5.89, 2, 44);**  **INSERT INTO ProductsSold VALUES(108, 22, 1.56, 1, 32);**  **INSERT INTO ProductsSold VALUES(41, 1, 12.59, 3, 45);**  **INSERT INTO ProductsSold VALUES(94, 5, 11.43, 3, 13);**  **INSERT INTO ProductsSold VALUES(123, 17, 12.49, 3, 5);**  **INSERT INTO ProductsSold VALUES(114, 12, 9.05, 2, 13);**  **INSERT INTO ProductsSold VALUES(114, 24, 16.85, 2, 40);**  **INSERT INTO ProductsSold VALUES(121, 8, 2.45, 1, 15);**  **INSERT INTO ProductsSold VALUES(14, 15, 6.68, 2, 28);**  **INSERT INTO ProductsSold VALUES(52, 11, 4.02, 3, 10);**  **INSERT INTO ProductsSold VALUES(9, 10, 18.39, 3, 9);**  **INSERT INTO ProductsSold VALUES(66, 16, 15.76, 1, 12);**  **INSERT INTO ProductsSold VALUES(106, 4, 18.16, 2, 35);**  **INSERT INTO ProductsSold VALUES(86, 2, 0.1, 3, 6);**  **INSERT INTO ProductsSold VALUES(77, 15, 12.6, 2, 32);**  **INSERT INTO ProductsSold VALUES(103, 2, 11.75, 1, 34);**  **INSERT INTO ProductsSold VALUES(144, 18, 4.3, 3, 31);**  **INSERT INTO ProductsSold VALUES(104, 5, 9.32, 2, 39);**  **INSERT INTO ProductsSold VALUES(34, 23, 16.67, 2, 41);**  **INSERT INTO ProductsSold VALUES(48, 8, 5.22, 3, 40);**  **INSERT INTO ProductsSold VALUES(102, 24, 4.49, 2, 48);**  **INSERT INTO ProductsSold VALUES(148, 15, 15.07, 1, 42);**  **INSERT INTO ProductsSold VALUES(13, 13, 7.48, 3, 4);**  **INSERT INTO ProductsSold VALUES(11, 18, 0.84, 1, 21);**  **GO** |

# Star Schema

## ER Diagram for Star Schema



## DDL to Create the Star Schema

|  |
| --- |
| **--Creating the dwProductSalesAggs Table**  **CREATE TABLE dwProductSalesAggs (**  **ProductID INT PRIMARY KEY,**  **ProductName VARCHAR(50),**  **TotalQuantitySold INT,**  **TotalRevenue MONEY,**  **TotalProfit MONEY**  **);**  **GO**  **--Creating the dwStoreDim Table**  **CREATE TABLE dwStoreDim (**  **StoreID INT PRIMARY KEY,**  **StoreState VARCHAR(2),**  **StoreZip VARCHAR(5),**  **StoreCity VARCHAR(30)**  **);**  **GO**  **--Creating the dwDateDim Table**  **CREATE TABLE dwDateDim (**  **DateID INT PRIMARY KEY IDENTITY(1,1),**  **RawDate DATE,**  **Quarter VARCHAR(7),**  **Month VARCHAR(10),**  **Day VARCHAR(10),**  **Year VARCHAR(4)**  **);**  **GO**  **--Creating the dwProductsSalesFacts Table**  **CREATE TABLE dwProductsSalesFacts (**  **ProductSaleID INT PRIMARY KEY,**  **ProductID INT REFERENCES dwProductSalesAggs(ProductID),**  **SaleQuantity INT,**  **SaleTotal MONEY,**  **SaleProfit MONEY,**  **SaleDateID INT REFERENCES dwDateDim(DateID),**  **TransactionID INT,**  **EmployeeID INT,**  **CustomerID INT,**  **StoreID INT REFERENCES dwStoreDim(StoreID)**  **);**  **GO** |

# Special Sauce

## Function Code

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| **--Convert an EmployeeId to an Employee’s Name**  **CREATE FUNCTION getEmpName**  **(@vEmpID INT)**  **RETURNS VARCHAR(61)**  **AS**  **BEGIN**  **DECLARE @vEmpName VARCHAR(61)**  **SELECT @vEmpName = CONCAT(EmpFName, ' ',EmpLName)**  **FROM Employees**  **WHERE EmployeeId = @vEmpID**  **RETURN @vEmpName**  **END;**  **GO**  **--To run: SELECT dbo.getEmpName(1);**  **--Convert a CustomerId to an Customer’s Name**  **CREATE FUNCTION getCustName**  **(@vCustID INT)**  **RETURNS VARCHAR(61)**  **AS**  **BEGIN**  **DECLARE @vCustName VARCHAR(61)**  **SELECT @vCustName = CONCAT(FName, ' ',LName)**  **FROM Customers**  **WHERE CustomerId = @vCustID**  **RETURN @vCustName**  **END;**  **GO**  **--To run: SELECT dbo.getCustName(1);** |

## Trigger Code

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| **--Trigger to make employee record be set to x on the Inactive column instead of being deleted CREATE TRIGGER PastEmp ON Employees INSTEAD OF DELETE AS BEGIN  SET NOCOUNT ON;  DECLARE @vPastEmpID INT;   SELECT @vPastEmpID = DELETED.EmployeeId  FROM DELETED;   UPDATE Employees  SET Inactive = 'x'  WHERE EmployeeId = @vPastEmpID;  SET NOCOUNT OFF; END; GO**  **--Trigger for new Stores to automatically be added as stores to the Data Warehouse.**  **CREATE TRIGGER NewStore ON Stores**  **AFTER INSERT**  **AS**  **BEGIN**  **SET NOCOUNT ON;**  **DECLARE @vStoreId INT,**  **@vStoreState VARCHAR(2),**  **@vStoreZip VARCHAR(5),**  **@vStoreCity VARCHAR(30)**  **SELECT @vStoreId = INSERTED.StoreId, @vStoreState = (SELECT State FROM States WHERE INSERTED.StoreStateID=StateId), @vStoreZip = INSERTED.StoreZip, @vStoreCity = INSERTED.StoreCity**  **FROM INSERTED;**  **INSERT INTO dwStoreDim**  **VALUES (@vStoreId, @vStoreState, @vStoreZip, @vStoreCity);**  **SET NOCOUNT OFF;**  **END;**  **GO** |

## Stored Procedure Code

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| **-- Stored Procedures To Populate Data Warehouse**  **--Populating the dwDateDim Table**  **-- set up so user can decide what dates to populate with start and end variables**  **-- currently set with: @vStartDate = '1/1/2013', @vEndDate = '12/31/2028'**  **CREATE PROC PopulateDateDim**    **(@vStartDate DATE, @vEndDate DATE)**  **AS**  **BEGIN**  **WHILE @vStartDate <= @vEndDate**  **BEGIN**  **INSERT INTO dwDateDim**  **VALUES (@vStartDate,**  **CONCAT('Q',DATEPART(QUARTER,@vStartDate),' ',DATEPART(YEAR,@vStartDate)),**  **DATENAME(MONTH,@vStartDate),**  **DATENAME(WEEKDAY,@vStartDate),**  **DATENAME(YEAR,@vStartDate))**  **SET @vStartDate = DATEADD(DAY,1,@vStartDate)**  **END**  **END;**  **GO**  **--Populating dwStoreDim (Differential Updating)**  **CREATE PROC PopulateStoreDim**  **AS**  **BEGIN**  **DECLARE @vStore INT, @vStop INT**  **INSERT INTO dwStoreDim**  **SELECT a.StoreID, b.State, a.StoreZip, a.StoreCity**  **FROM Stores a JOIN States b**  **ON a.StoreStateID = b.StateID**  **WHERE a.StoreID NOT IN (SELECT StoreID FROM dwStoreDim)**  **SELECT @vStore = MIN(StoreID), @vStore = MAX(StoreID)**  **FROM Stores**  **WHILE @vStore <= @vStop**  **BEGIN**  **UPDATE dwStoreDim**  **SET StoreState = (SELECT State FROM Stores a JOIN States b**  **ON a.StoreStateID = b.StateID WHERE a.StoreID = @vStore),**  **StoreZip = (SELECT a.StoreZip FROM Stores a WHERE a.StoreID = @vStore),**  **StoreCity = (SELECT a.StoreCity FROM Stores a WHERE a.StoreID = @vStore)**  **SELECT @vStore = MIN(StoreID)**  **FROM Stores**  **WHERE StoreID > @vStore**  **END**  **END;**  **GO**  **-- Populating the ProductSalesAggs Table**  **CREATE PROC PopulateProductSalesAggs**  **AS**  **BEGIN**  **DECLARE @vProduct INT, @vStop INT;**  **CREATE TABLE #AggsSource1 (**  **ProductID INT PRIMARY KEY,**  **ProductName VARCHAR(50),**  **TotalQuantity INT,**  **TotalRev MONEY,**  **TotalProfit MONEY**  **)**    **INSERT INTO #AggsSource1**  **SELECT ProductID, ProductName, SUM(Quantity) TotalQuantity, SUM(FinalTotal) TotalRev, SUM(Profit) TotalProfit**  **FROM**  **(SELECT b.ProductSoldID, a.ProductID, b.Quantity, a.ProductName, a.COGS,**  **b.Quantity \* a.MSRP AS BeforeDiscountTotal,**  **(b.Quantity \* a.MSRP) - (b.Quantity \* b.DiscountPerUnit) AS FinalTotal,**  **(b.Quantity \* a.MSRP) - (b.Quantity \* b.DiscountPerUnit) - (COGS\*Quantity) AS Profit**  **FROM Products a LEFT JOIN ProductsSold b**  **ON a.ProductID = b.ProductID) AS a**  **GROUP BY ProductID, ProductName**      **INSERT INTO dwProductSalesAggs**  **SELECT ProductID, ProductName, TotalQuantity, TotalRev, TotalProfit**  **FROM #AggsSource1 b**  **WHERE b.ProductID NOT IN (SELECT a.ProductID FROM dwProductSalesAggs a)**    **SELECT @vProduct = MIN(ProductID), @vStop = MAX(ProductID)**  **FROM #AggsSource1**    **WHILE @vProduct <= @vStop**  **BEGIN**  **UPDATE dwProductSalesAggs**  **SET ProductName = (SELECT ProductName FROM #AggsSource1 WHERE ProductID = @vProduct),**  **TotalQuantitySold = (SELECT TotalQuantity FROM #AggsSource1 WHERE ProductID = @vProduct),**  **TotalRevenue = (SELECT TotalRev FROM #AggsSource1 WHERE ProductID = @vProduct),**  **TotalProfit = (SELECT TotalProfit FROM #AggsSource1 WHERE ProductID = @vProduct)**  **WHERE @vProduct = ProductID**  **SELECT @vProduct = MIN(ProductID)**  **FROM #AggsSource1**  **WHERE ProductID > @vProduct**  **END**    **END;**  **GO**  **-- Populating the ProductSalesAggs Table (Full Replacement)**  **CREATE PROC PopulateProductsSalesFacts**  **AS**  **BEGIN**  **TRUNCATE TABLE dwProductsSalesFacts;**  **INSERT INTO dwProductsSalesFacts**  **SELECT a.ProductSoldID, a.ProductID, a.Quantity,**  **(b.MSRP \* a.Quantity),**  **(b.MSRP \* a.Quantity) - (a.Quantity \* a.DiscountPerUnit),**  **d.DateID,**  **c.TransactionID, c.EmployeeID, c.CustomerID, c.StoreID**  **FROM ProductsSold a JOIN Products b**  **ON a.ProductID = b.ProductID JOIN Transactions c**  **ON a.TransactionID = c.TransactionID JOIN dwDateDim d**  **ON CAST(c.TransactionDateTime AS DATE) = d.RawDate**  **WHERE a.ProductSoldID NOT IN (SELECT ProductSoldID FROM dwProductsSalesFacts)**    **END;**  **GO**  **-- Executing the Stored Procedures to populate the Data Warehouse**  **EXEC PopulateDateDim @vStartDate = '1/1/2013', @vEndDate = '12/31/2028';**  **EXEC PopulateStoreDim;**  **EXEC PopulateProductSalesAggs;**  **EXEC PopulateProductsSalesFacts;**  **GO** |