CREATE TABLE IF NOT EXISTS CompanyDim (

CompanyKey INTEGER PRIMARY KEY,

BranchState TEXT,

BranchAddress TEXT,

BranchEmail TEXT

);

CREATE TABLE IF NOT EXISTS ProductDim (

ProductKey INTEGER PRIMARY KEY,

ProductName TEXT,

Brand TEXT,

UnitPrice DECIMAL(10,2)

);

CREATE TABLE IF NOT EXISTS WarehouseDim (

WarehouseKey INTEGER PRIMARY KEY,

WarehouseDivision TEXT,

WarehouseRegion TEXT

);

CREATE TABLE IF NOT EXISTS CustomerDim (

CustomerKey INTEGER PRIMARY KEY,

CustomerName TEXT,

CustomerAddress TEXT,

CustomerState TEXT,

CustomerEmail TEXT

);

CREATE TABLE IF NOT EXISTS DateDim (

DateKey INTEGER PRIMARY KEY,

SaleDate TEXT,

Year INTEGER,

Month INTEGER,

Day INTEGER,

Quarter INTEGER

);

CREATE TABLE IF NOT EXISTS SaleFacts (

ID INTEGER PRIMARY KEY,

DateKey INTEGER,

CompanyKey INTEGER,

CustomerKey INTEGER,

ProductKey INTEGER,

WarehouseKey INTEGER,

SalesQuantity INTEGER,

FOREIGN KEY (datekey) REFERENCES datedim(datekey),

FOREIGN KEY (companykey) REFERENCES companydim(companykey),

FOREIGN KEY (customerkey) REFERENCES customerdim(customerkey),

FOREIGN KEY (productkey) REFERENCES productdim(productkey),

FOREIGN KEY (warehousekey) REFERENCES warehousedim(warehousekey)

);

INSERT INTO CompanyDim VALUES (1,'Victoria','358-1857 Sociosqu Av.','Ut@quamPellentesquehabitant.net'),

(2,'NSW','Ap #835-8274 Donec St.','ac@sollicitudinadipiscingligula.ca'),

(3,'VIC','Ap #340-4547 Non Rd.','est@portaelita.co.uk'),

(4,'WA','P.O. Box 305, 2430 Nostra, Av.','Duis@eget.org'),

(5,'VIC','P.O. Box 272, 2493 Nulla St.','aliquam.adipiscing@Proin.com'),

(6,'NSW','980-1420 Cras Rd.','congue.a.aliquet@In.co.uk'),

(7,'NSW','445-612 Nam Rd.','auctor.velit.eget@sed.ca'),

(8,'QLD','P.O. Box 733, 8156 Purus, Ave','fringilla@necurna.net'),

(9,'TAS','722 Arcu Ave','Integer.mollis.Integer@volutpat.edu'),

(10,'QLD','P.O. Box 611, 6146 Sagittis St.','magna@lectus.net'),

(11,'NSW','515-4052 Tempus St.','mauris.Suspendisse@venenatis.ca'),

(12,'NSW','P.O. Box 797, 9133 Erat St.','risus@sagittislobortismauris.edu'),

(13,'SA','Ap #106-5740 Nisl Ave','auctor.non@ornarelectusante.com'),

(14,'QLD','1809 Sem, Avenue','odio@eutellus.ca'),

(15,'VIC','2194 Dapibus Road','convallis@Praesenteu.edu'),

(16,'VIC','4300 Nulla Rd.','est.tempor.bibendum@risusInmi.org'),

(17,'VIC','Ap #932-6351 Cum Av.','ac@purussapiengravida.edu'),

(18,'ACT','710-2824 A Street','elementum.at.egestas@dignissimMaecenasornare.edu'),

(19,'SA','4743 Sem. Avenue','imperdiet.ullamcorper.Duis@Donectempor.com'),

(20,'NSW','P.O. Box 126, 3662 Vulputate Rd.','tortor.Nunc@loremutaliquam.ca');

INSERT INTO ProductDim VALUES (1,'Laser Level','A LLC',15.5),

(2,'Measuring Tape','Taciti Sociosqu LLP',5.45),

(3,'Lawn Mower','Nam Institute',114.6),

(4,'Spray Paint','Nunc Corporation',45.9),

(5,'Water Tank','Rhoncus Industries',200.0),

(6,'Block Laying Pins','Tellus Phasellus Elit LLP',23.55),

(7,'Pipe Cutting Saw','Fringilla Institute',54.24),

(8,'Plier','Sed Consulting',12.6),

(9,'Tieing Wire','Vestibulum Nec Foundation',46.7),

(10,'Cement Mixer','Blandit Mattis Cras PC',70.0),

(11,'Wheel Barrow','Imperdiet Nec Leo LLP',85.0),

(12,'Claw Hammer','Duis Corp.',17.83),

(13,'Skill Saw','Dui In Sodales LLC',146.73),

(14,'Chop Saw','Dui Company',92.7),

(15,'Nail Gun','Eu Nulla At LLC',47.98),

(16,'Square Set','Vitae Erat Corp.',25.55),

(17,'Bevel','Ipsum Inc.',60.03),

(18,'Double Ladder','Ultrices Posuere Cubilia Institute',187.21),

(19,'Staple Gun','Euismod Corp.',165.42),

(20,'Roofing Hammer','Lacus Corporation',73.85),

(21,'Screw Gun','Aliquam Ltd',199.11),

(22,'Hilti Steel Gun','Placerat Velit Quisque Foundation',52.49),

(23,'Prop','Mauris Corp.',46.27),

(24,'Drill','Consequat Auctor Nunc Limited',111.75),

(25,'Multi-meter','Auctor Institute',52.66),

(26,'Plier Set','Sollicitudin A LLP',101.78),

(27,'Screw Driver Set','Odio Company',52.9),

(28,'Chasing Machine','Sem Pellentesque Ut Institute',152.56),

(29,'Pipe Duct Glue','Ut Corp.',32.15),

(30,'Hole Saw','Sed Eget PC',156.27),

(31,'Insulation Saw','Placerat Augue Corp.',15.29),

(32,'Staple Gun','Ipsum Primis In Company',100.81),

(33,'Step Ladder','Natoque Penatibus Corporation',150.2),

(34,'Body Suit','Torquent Institute',194.59),

(35,'SDS Drill','Eget Ltd',195.74),

(36,'SDS Drill Set','Ligula Associates',185.19),

(37,'Steel trowel','Nunc Est Mollis Institute',34.13),

(38,'Dehumidifiler','Lorem Company',141.06),

(39,'Plaster Hawk','Tortor Dictum Limited',45.22),

(40,'Paint Roller Set','Convallis Ligula LLC',35.83);

INSERT INTO WarehouseDim VALUES (1,'Tools','VIC'),

(2,'Building','VIC'),

(3,'Plumbing','NSW'),

(4,'Electrical','WA'),

(5,'Gardening','QLD'),

(6,'Tools','QLD'),

(7,'Electrical','NSW'),

(8,'Plumbing','TAS'),

(9,'Electrical','NSW'),

(10,'Tools','VIC');

INSERT INTO CustomerDim VALUES (1,'Workman, Burton W.','1596 Quis Ave','NSW','quis.lectus@aliquetvel.ca'),

(2,'Manning, Tatyana A.','985-2368 Semper St.','ACT','in.lobortis.tellus@Uttinciduntvehicula.ca'),

(3,'Wilcox, Aurelia J.','257-3361 Amet, St.','NSW','pede@facilisisloremtristique.ca'),

(4,'Joseph, Ila W.','3374 Nec Avenue','VIC','mollis.vitae@Maecenasornareegestas.net'),

(5,'Guerra, Zephania U.','1394 Ac St.','NSW','turpis.Nulla.aliquet@etultricesposuere.edu'),

(6,'Rosales, Berk B.','P.O. Box 348, 9486 Aenean Rd.','NSW','nisl.Nulla.eu@adipiscing.co.uk'),

(7,'Rosales, Summer W.','Ap #494-6033 Vitae, Av.','NSW','Cras.eget.nisi@nullaanteiaculis.ca'),

(8,'Mcintyre, Marah X.','Ap #522-9738 Gravida Rd.','NSW','mi@scelerisque.ca'),

(9,'Campbell, Chastity J.','918-3748 Semper Road','QLD','Maecenas.libero@molestietortornibh.co.uk'),

(10,'Armstrong, Kirk R.','P.O. Box 731, 6961 Aenean Street','VIC','et.tristique.pellentesque@mauriseuelit.edu'),

(11,'Graves, Coby A.','Ap #164-8396 Etiam Rd.','QLD','pede.nec.ante@interdum.com'),

(12,'Oconnor, Felicia J.','824-8023 In Road','VIC','pede.Cum.sociis@volutpat.edu'),

(13,'Craig, Callum X.','6430 Dictum. Rd.','QLD','lorem@nulla.ca'),

(14,'Douglas, Driscoll W.','7344 Purus, Rd.','WA','vitae.purus@vel.ca'),

(15,'Vinson, Amaya Y.','P.O. Box 661, 9659 Eget Avenue','VIC','ut.quam.vel@erat.org'),

(16,'Humphrey, Martha Z.','Ap #148-3516 Libero. Rd.','NSW','orci.luctus@necmollisvitae.edu'),

(17,'Moses, Allistair M.','256-5945 Vehicula Av.','NSW','eu@laciniavitaesodales.org'),

(18,'Beck, Wilma H.','2765 Ipsum Road','SA','imperdiet.ornare@lectusjustoeu.com'),

(19,'Owens, Jack M.','Ap #260-2682 Congue, Ave','VIC','scelerisque.lorem@lacuspedesagittis.edu'),

(20,'Donaldson, Hedwig A.','784-5704 Nec, Av.','QLD','Cras.dolor@metusvitaevelit.com'),

(21,'Johnston, Madison S.','728-5242 Fusce Avenue','WA','quis.turpis.vitae@aliquetlibero.co.uk'),

(22,'Wagner, Shelley R.','Ap #735-7867 Lectus Ave','SA','adipiscing@ametmetusAliquam.com'),

(23,'Gutierrez, Brynn H.','3989 Aliquet St.','VIC','dictum.eu.eleifend@nisia.ca'),

(24,'Slater, Zoe M.','5568 Ultrices Road','VIC','magna@nisidictum.org'),

(25,'Phillips, Andrew Y.','860-5078 Natoque Rd.','WA','Nullam.velit@velfaucibus.org'),

(26,'Conrad, Ulric Y.','551-9542 Amet Avenue','VIC','rutrum.lorem@dolor.co.uk'),

(27,'Britt, Wang K.','Ap #778-6788 Amet St.','NSW','nisl.elementum.purus@metus.ca'),

(28,'Harper, Hop L.','Ap #684-1235 Donec Street','VIC','arcu.Aliquam.ultrices@parturient.net'),

(29,'Jacobson, Carissa J.','Ap #249-5432 Arcu Rd.','QLD','In@enim.ca'),

(30,'Lopez, Yardley X.','117-8262 Rhoncus. St.','QLD','egestas.lacinia@purusaccumsaninterdum.org'),

(31,'Hickman, Upton D.','P.O. Box 750, 9408 Vulputate, Avenue','SA','auctor.vitae.aliquet@purusaccumsaninterdum.ca'),

(32,'Eaton, Phyllis I.','Ap #746-3436 Tincidunt Ave','NSW','consequat@parturientmontesnascetur.net'),

(33,'Vega, Mariam Z.','P.O. Box 725, 4010 Egestas Ave','QLD','enim.Suspendisse@nequepellentesquemassa.ca'),

(34,'Prince, Lamar B.','P.O. Box 434, 7247 Nisl. Avenue','QLD','Nam.nulla@ultricesa.org'),

(35,'Tucker, McKenzie G.','162-1782 Pellentesque St.','TAS','In.condimentum.Donec@infaucibusorci.net'),

(36,'Cummings, Aurelia Z.','5088 Gravida. Rd.','QLD','ut.odio.vel@dapibus.ca'),

(37,'Vargas, Leah A.','P.O. Box 351, 7685 Faucibus Rd.','SA','sollicitudin@Lorem.ca'),

(38,'Hogan, Jessica K.','Ap #953-1748 In, Road','QLD','Vivamus.molestie@maurisMorbi.org'),

(39,'Mckenzie, Keane O.','Ap #306-978 Donec Rd.','VIC','laoreet@nibhAliquam.net'),

(40,'Chase, Harriet J.','8365 Augue Rd.','QLD','Proin.ultrices.Duis@eget.edu'),

(41,'Stevenson, Zelenia L.','685-3530 Sociis Street','QLD','orci.consectetuer.euismod@volutpatNulla.net'),

(42,'Meyer, Isabella V.','5353 Pretium St.','SA','rhoncus@aliquet.co.uk'),

(43,'Melton, Chester R.','P.O. Box 652, 7155 Lacus Av.','NSW','ac.mattis@liberoDonec.edu'),

(44,'Davis, Audrey L.','1185 Sodales Av.','VIC','vulputate.risus@dignissim.co.uk'),

(45,'Burgess, Deacon A.','2871 Lorem Avenue','NSW','est@adipiscing.org'),

(46,'Morris, Samuel Z.','944-1978 Urna. Rd.','VIC','tincidunt.vehicula@Sedmolestie.edu'),

(47,'Mason, Gary S.','7842 Sed Ave','VIC','Duis.sit@nasceturridiculusmus.ca'),

(48,'Boyd, Charissa T.','242 Congue Rd.','VIC','feugiat.placerat.velit@velconvallisin.com'),

(49,'Whitehead, Risa F.','238-2195 Aliquet Rd.','WA','neque@Nunccommodo.com'),

(50,'Bernard, Jonah G.','7459 Mattis. Street','QLD','sit@blanditenimconsequat.com'),

(51,'Bezen, Alex','399 Lonsdale Street','VIC','alex.bezen@apicollege.edu.au');

INSERT INTO datedim VALUES (1,'2016-01-04',2016,1,4,1),

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(393,186,10,10,18,4,1),

(394,163,5,3,10,6,5),

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(396,70,10,36,8,1,3),

(397,128,5,21,19,4,1),

(398,232,16,26,3,8,2),

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(405,173,7,29,16,4,5),

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(447,167,11,2,23,5,3),

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(451,54,4,35,31,1,4),

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(453,240,13,10,24,7,3),

(454,256,17,47,37,2,3),

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(457,47,9,39,35,4,2),

(458,8,20,35,14,8,3),

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(460,276,13,32,7,3,3),

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(463,143,5,36,20,2,5),

(464,238,3,42,14,7,3),

(465,58,18,36,20,5,3),

(466,70,10,7,28,3,3),

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(469,259,16,42,22,7,4),

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(473,128,10,23,11,10,2),

(474,164,2,40,20,8,3),

(475,288,4,43,37,2,5),

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(477,100,16,47,37,8,3),

(478,235,10,22,17,4,5),

(479,45,1,33,36,4,1),

(480,134,18,46,39,7,5),

(481,292,6,10,16,1,1),

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(484,161,17,6,8,7,1),

(485,166,6,12,29,2,5),

(486,39,2,48,10,2,1),

(487,8,19,39,21,6,4),

(488,224,1,19,38,7,3),

(489,221,1,43,18,6,1),

(490,276,15,26,18,2,5),

(491,238,12,9,38,4,2),

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(494,24,4,19,4,1,5),

(495,103,2,38,9,6,3),

(496,74,12,31,4,10,3),

(497,236,9,23,38,4,2),

(498,245,9,7,37,9,2),

(499,7,20,4,26,1,1),

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