**Script 2**

INSERT INTO CLIENT VALUES

('0001','Giant Goods','Forbes Avenue','Pittsburgh','PA','15213','Department Store','www.giantgoods.com','4123912584','Frank Jin');

INSERT INTO CLIENT VALUES

('0002','Saint Food',

'Fifth Avenue','Pittsburgh','PA','15211','Food','www.saintfood.com','4114821002','Ben Lambert');

INSERT INTO CLIENT VALUES

('0003','Fishermen''s Friend','Amsterdam Ave','New York','NY','10023','Food','www.Fishermensfriends.com','4002182012','Tommy Fin');

INSERT INTO CLIENT VALUES

('0004','Ford','York Avenue','Dearborn','MI','48126','Cars ','corporate.ford.com','8004271231','Calvin Lang');

INSERT INTO CLIENT VALUES

('0005','Macy''s','Broadway Avenue','New York','NY','10012','Department Store','www.macys.com','4001921002','Max Chang');

INSERT INTO CLIENT VALUES

('0006','Chalres Co','Washinton Avenue','Los Angeles','CA','90052','Manufacturing','www.caca1002.com','1024810212','Charles Lin');

INSERT INTO CLIENT VALUES

('0007','Macy''s','Broadway Avenue','New York','NY','10012','Manufacturing','www.macys.com','4001921002','Max Chang');

INSERT INTO CLIENT VALUES

('0008','Union Food','Liberty Avenue','Los Angeles','CA','90027','Food','www.unionfood.com','9012047121','Ashley Willams');

INSERT INTO CLIENT VALUES

('0009','Terry and Jerry','Johns Avenue','Seattle','WA','98102','Manufacturing','www.TerryJerry.com','4210248123','Terry Smith');

INSERT INTO CLIENT VALUES

('0010','Tesla','Perry Avenue','Wexford','PA','11403','Cars','www.Tesla.com','8783326091','Tom Brownie');

INSERT INTO Skill VALUES('111', 'Financial Statements Analysis');

INSERT INTO Skill VALUES('112', 'SQL Application');

INSERT INTO Skill VALUES('113', 'Effective Communication');

INSERT INTO Skill VALUES('114', 'Java Application');

INSERT INTO Skill VALUES('115', 'Negotiation Strategy');

INSERT INTO Skill VALUES('116', 'Python Application');

INSERT INTO Skill VALUES('117', 'Web Application');

INSERT INTO Skill VALUES('118', 'Data Mining Techniques');

INSERT INTO Skill VALUES('119',  'Big Data Application');

INSERT INTO Skill VALUES('120', 'Marketing Strategy');

INSERT INTO Department VALUES ('1001', 'Administration', 'F17', '121-5689', NULL);  
INSERT INTO Department VALUES ('1002', 'Sales', 'F16', '121-5656', NULL);  
INSERT INTO Department VALUES ('1003', 'IT', 'F15', '121-5666', NULL);  
INSERT INTO Department VALUES ('1004', 'Finance', 'F16', '121-5670', NULL);  
INSERT INTO Department VALUES ('1005', 'Human Resource','F16', '121-5678', NULL);

INSERT INTO Employee VALUES ('400', 'Jones', 'Amelia', '17-May-1973', '01-Oct-2001', NULL, '1001');

INSERT INTO Employee VALUES ('403', 'Hsu', 'Michelle', '20-Jul-1985', '10-Sep-2003', '400', '1001');

INSERT INTO Employee VALUES ('404', 'Chan', 'William', '03-Feb-1986', '12-Dec-2004', '400', '1001');

INSERT INTO Employee VALUES ('401', 'Harris', 'Scott', '28-Mar-1971', '02-Dec-2002', '400', '1002');

INSERT INTO Employee VALUES ('203', 'Getz', 'Bill', '08-Oct-1974', '05-Apr-2004', '401', '1002');

INSERT INTO Employee VALUES ('214', 'Ramos', 'Ana',  '09-Mar-1974', '12-Apr-2004', '203', '1002');

INSERT INTO Employee VALUES ('225', 'Evans', 'Stan',  '14-Jul-1975', '01-Jun-2004', '401', '1002');

INSERT INTO Employee VALUES ('100', 'Krall', 'Mary',  '11-Feb-1987', '18-May-2009', '203', '1002');

INSERT INTO Employee VALUES ('153', 'Roditi', 'Adam', '5-Mar-1987', '19-Mar-2008', '400', '1003');

INSERT INTO Employee VALUES ('137', 'Hall', 'Jim', '6-Aug-1979', '10-Nov-2008', '153', '1003');

INSERT INTO Employee VALUES ('128', 'Boon', 'Pat', '23-Nov-1983', '20-Oct-2008', '153', '1003');

INSERT INTO Employee VALUES ('162', 'Nelson', 'Ray', '24-Sep-1990', '20-Oct-2010', '128', '1003');

INSERT INTO Employee VALUES ('168', 'Corman', 'Chris', '11-Aug-1989', '20-Oct-2010', '137', '1003');

INSERT INTO Employee VALUES ('171', 'Belli', 'Willam', '28-May-1991', '01-Nov-2012', '168', '1003');

INSERT INTO Employee VALUES ('320', 'Duncan', 'Tina', '29-Jan-1995', '11-Jun-2016', '168', '1003');

INSERT INTO Employee VALUES ('172', 'Swift', 'Lisa', '17-Feb-1988', '01-Nov-2012', '400', '1004');

INSERT INTO Employee VALUES ('173', 'Milton', 'Kelly', '16-Dec-1987', '07-Nov-2012', '172', '1004');

INSERT INTO Employee VALUES ('312', 'Carter', 'Henry', '22-Apr-1994', '09-Jan-2013', '173', '1004');

INSERT INTO Employee VALUES ('313', 'Bertram', 'Jill', '06-Jul-1991', '09-Jan-2013', '312', '1004');

INSERT INTO Employee VALUES ('314', 'Gates', 'Bob',  '26-Dec-1992', '04-Jun-2014', '313', '1004');

INSERT INTO Employee VALUES ('321', 'John', 'Mayer', '29-Jan-1994', '03-Sep-2017', '313', '1004');

INSERT INTO Employee VALUES ('315', 'Wheeler', 'Howard', '11-Jun-1992', '04-Jun-2013', '400', '1005');

INSERT INTO Employee VALUES ('316', 'Whitestar', 'Mary', '24-Mar-1994', '25-Feb-2014', '315', '1005');

INSERT INTO Employee VALUES ('317', 'Newton', 'Steve', '29-Jan-1996', '03-Jun-2015', '316', '1005');

INSERT INTO Employee VALUES ('318', 'Johnson', 'Jack', '29-Jan-1996', '03-Jun-2015', '315', '1005');

INSERT INTO Employee VALUES ('319', 'Lin', 'Amy', '18-Jan-1993', '05-Feb-2016', '316', '1005');

INSERT INTO Training VALUES ('1', '120', '203', '24-Dec-07', 'Marketing', 'Very good');

INSERT INTO Training VALUES ('2', '113', '317', '01-Dec-16', 'Speaking', 'Excellent');

INSERT INTO Training VALUES ('3', '114', '171', '04-May-13', 'OOP in Java','Heavy workload, but worth it!');

INSERT INTO Training VALUES ('4', '111', '314', '11-Jun-15', 'Finance Training','Interseting experience');

INSERT INTO Training VALUES ('5', '116', '137', '02-May-09', 'Data Focus Python','Very useful course');

INSERT INTO Training VALUES ('6', '118', '153', '12-Dec-10', 'Data Mining Workshop','Great opportunity to build connection');

INSERT INTO Training VALUES ('7', '112', '171', '09-Jan-14', 'Database Management','Amazing');

INSERT INTO Training VALUES ('8', '113', '403', '05-Dec-06', 'Profession Speaking','Very Useful');

INSERT INTO Training VALUES ('9', '119', '137', '06-Aug-12', 'Data Mining Workshop','Very interesting');

INSERT INTO Training VALUES ('10', '118', '162','03-Dec-12', 'Text Analytics','Very useful');

INSERT INTO Training VALUES ('11', '112', '168', '09-Jan-14', 'Database Management','Excellect course!');

INSERT INTO Training VALUES ('12', '111', '313', '11-Jun-15', 'Finance Training','Vert useful');

INSERT INTO Training VALUES ('13', '114', '168', '07-Dec-12',  'OOP in Java','Excellent and useful!');

INSERT INTO Training VALUES ('14', '116', '128', '12-Dec-10', 'Data Focus Python','Very good');

INSERT INTO Training VALUES ('15', '115', '100', '05-Jul-13', 'Business Negotiation','Useful and challenging');

INSERT INTO Training VALUES ('16', '112', '153', '07-Aug-13', 'Advanced SQL','Gained lots of hands-on experience by doing projects');

INSERT INTO Training VALUES ('17', '120', '225', '24-Dec-07', 'Marketing','Interesting!');

INSERT INTO Training VALUES ('18', '119', '128', '20-Dec-13', 'Hadoop and MapReduce','Very useful');

INSERT INTO Training VALUES ('19', '114', '162', '15-May-14', 'OOP in Java','A little bit hard, especially for the lab on Thursday.');

INSERT INTO Training VALUES ('20', '119', '153', '20-Dec-13', 'Hadoop and MapReduce','Good course, I gained a lot from that!');

INSERT INTO Training VALUES ('21', '119', '168', '12-Jul-16', 'JAVA Workshop','Useful');

INSERT INTO Training VALUES ('22', '119', '162', '28-Apr-14', 'Data Visuallization','Very helpful');

INSERT INTO Training VALUES ('23', '113', '319', '23-Sep-16', 'Speaking Training', 'Interesting experience');

INSERT INTO Training VALUES ('24', '117', '320', '14-May-17', 'Web Develop','Useful Course!');

INSERT INTO Training VALUES ('25', '113', '319', '29-Mar-17', 'Communication','Very helful');

INSERT INTO Training VALUES ('26', '111', '321', '08-Nov-17', 'Finance Workshop','Excellent!');

INSERT INTO PROJECT VALUES

('0001','Tech Project', TO\_DATE('2010-12-02','yyyy-mm-dd'),'102000','1003','0010');

INSERT INTO PROJECT VALUES

('0002','Food Purchase', TO\_DATE('2015-12-22','yyyy-mm-dd'),'8000','1004','0008');

INSERT INTO PROJECT VALUES

('0003','Car Producing Project', TO\_DATE('2015-12-02','yyyy-mm-dd'),'580000','1002','0004');

INSERT INTO PROJECT VALUES

('0004','Shoes Purchase', TO\_DATE('2015-11-12','yyyy-mm-dd'),'52000','1002','0001');

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('0005','HR Project', TO\_DATE('2016-02-12','yyyy-mm-dd'),'8000','1005','0006');

INSERT INTO PROJECT VALUES

('0006','Sales Project', TO\_DATE('2016-05-13','yyyy-mm-dd'),'5000','1002','0007');

INSERT INTO PROJECT VALUES

('0007','System Project', TO\_DATE('2016-07-28','yyyy-mm-dd'),'6500','1003','0010');

INSERT INTO PROJECT VALUES

('0008','Consulting Project', TO\_DATE('2016-08-11','yyyy-mm-dd'),'9000','1004','0002');

INSERT INTO PROJECT VALUES

('0009','Test  Project', TO\_DATE('2017-08-10','yyyy-mm-dd'),'2000','1003','0002');

INSERT INTO PROJECT VALUES

('0010','Resturcture Project', TO\_DATE('2017-09-01','yyyy-mm-dd'), NULL,'1004','0005');

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('0011','Marketing Project', TO\_DATE('2017-10-02','yyyy-mm-dd'), NULL,'1002','0003');

INSERT INTO PROJECT VALUES

('0012','Funding Project', To\_DATE('2017-08-10','yyyy-mm-dd'),'100000','1002','0003');

INSERT INTO Assignment VALUES

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INSERT INTO Assignment VALUES

('0002','0004','315', TO\_DATE('2014-02-01','yyyy-mm-dd'), TO\_DATE('2014-02-20','yyyy-mm-dd'),100);

INSERT INTO Assignment VALUES

('0003','0002','214', TO\_DATE('2015-01-01','yyyy-mm-dd'), TO\_DATE('2015-01-30','yyyy-mm-dd'),150);

INSERT INTO Assignment VALUES

('0004','0005','317', TO\_DATE('2016-02-15','yyyy-mm-dd'), TO\_DATE('2016-02-28','yyyy-mm-dd'),100);

INSERT INTO Assignment VALUES

('0005','0005','317', TO\_DATE('2016-03-16','yyyy-mm-dd'), TO\_DATE('2016-03-29','yyyy-mm-dd'),20);

INSERT INTO Assignment VALUES

('0006','0005','318', TO\_DATE('2016-03-17','yyyy-mm-dd'), TO\_DATE('2016-03-27','yyyy-mm-dd'),90);

INSERT INTO Assignment VALUES

('0007','0006','214', TO\_DATE('2016-05-01','yyyy-mm-dd'), TO\_DATE('2016-05-30','yyyy-mm-dd'),150);

INSERT INTO Assignment VALUES

('0008','0006','100', TO\_DATE('2016-05-14','yyyy-mm-dd'), TO\_DATE('2016-05-29','yyyy-mm-dd'),100);

INSERT INTO Assignment VALUES

('0009','0006','173', TO\_DATE('2016-05-05','yyyy-mm-dd'), TO\_DATE('2016-05-15','yyyy-mm-dd'),35);

INSERT INTO Assignment VALUES

('0010','0007','171', TO\_DATE('2016-07-02','yyyy-mm-dd'), TO\_DATE('2016-07-26','yyyy-mm-dd'),200);

INSERT INTO Assignment VALUES

('0011','0007','168', TO\_DATE('2016-07-29','yyyy-mm-dd'), TO\_DATE('2016-07-31','yyyy-mm-dd'),20);

INSERT INTO Assignment VALUES

('0012','0007','168', TO\_DATE('2016-08-18','yyyy-mm-dd'), TO\_DATE('2016-08-27','yyyy-mm-dd'),80);

INSERT INTO Assignment VALUES

('0013','0007','100', TO\_DATE('2016-08-08','yyyy-mm-dd'), TO\_DATE('2016-08-27','yyyy-mm-dd'),45);

INSERT INTO Assignment VALUES

('0014','0008','173', TO\_DATE('2016-08-11','yyyy-mm-dd'), TO\_DATE('2016-08-29','yyyy-mm-dd'),150);

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('0015','0008','312', TO\_DATE('2016-08-03','yyyy-mm-dd'), TO\_DATE('2016-08-22','yyyy-mm-dd'),150);

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('0016','0008','312', TO\_DATE('2016-11-12','yyyy-mm-dd'), TO\_DATE('2016-11-21','yyyy-mm-dd'),100);

INSERT INTO Assignment VALUES

('0017','0001','400', TO\_DATE('2016-11-01','yyyy-mm-dd'), TO\_DATE('2016-11-20','yyyy-mm-dd'),100);

INSERT INTO Assignment VALUES

('0018','0001','403', TO\_DATE('2016-12-01','yyyy-mm-dd'), TO\_DATE('2016-12-20','yyyy-mm-dd'),120);

INSERT INTO Assignment VALUES

('0019','0001','320', TO\_DATE('2016-12-02','yyyy-mm-dd'), TO\_DATE('2016-12-20','yyyy-mm-dd'),180);

INSERT INTO Assignment VALUES

('0020','0003','312', TO\_DATE('2017-05-01','yyyy-mm-dd'), TO\_DATE('2017-05-20','yyyy-mm-dd'),250);

INSERT INTO Assignment VALUES

('0021','0012','171', TO\_DATE('2017-08-01','yyyy-mm-dd'), TO\_DATE('2017-08-31','yyyy-mm-dd'),230);

INSERT INTO Assignment VALUES

('0022','0009','171', TO\_DATE('2017-08-10','yyyy-mm-dd'), TO\_DATE('2017-08-31','yyyy-mm-dd'),70);

INSERT INTO Assignment VALUES

('0023','0009','320', TO\_DATE('2017-08-10','yyyy-mm-dd'), TO\_DATE('2017-08-31','yyyy-mm-dd'),65);

INSERT INTO Assignment VALUES

('0024','0012','168', TO\_DATE('2017-09-01','yyyy-mm-dd'), TO\_DATE('2017-09-10','yyyy-mm-dd'),50);

INSERT INTO Assignment VALUES

('0025','0010','314', TO\_DATE('2017-09-02','yyyy-mm-dd'), TO\_DATE('2017-09-20','yyyy-mm-dd'),80);

INSERT INTO Assignment VALUES

('0026','0010','313', TO\_DATE('2017-9-05','yyyy-mm-dd'), TO\_DATE('2017-9-25','yyyy-mm-dd'),145);

INSERT INTO Assignment VALUES

('0027','0010','314', TO\_DATE('2017-10-3','yyyy-mm-dd'), TO\_DATE('2017-10-29','yyyy-mm-dd'),200);

INSERT INTO Assignment VALUES

('0028','0010','313', TO\_DATE('2017-10-11','yyyy-mm-dd'), TO\_DATE('2017-10-30','yyyy-mm-dd'),250);

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('0029','0010','313', TO\_DATE('2017-11-13','yyyy-mm-dd'), NULL, NULL);

INSERT INTO Assignment VALUES

('0030','0011','203', TO\_DATE('2017-10-03','yyyy-mm-dd'), TO\_DATE('2017-10-30','yyyy-mm-dd'),280);

INSERT INTO Assignment VALUES

('0031','0011','225', TO\_DATE('2017-11-06','yyyy-mm-dd'), NULL, NULL);

INSERT INTO Assignment VALUES

('0032','0011','203', TO\_DATE('2017-11-06','yyyy-mm-dd'),NULL, NULL);

UPDATE Department

   SET manager\_id = '400'

   WHERE Dept\_Code = '1001';

UPDATE Department

   SET manager\_id = '401'

   WHERE Dept\_Code = '1002';

UPDATE Department

   SET manager\_id = '153'

   WHERE Dept\_Code = '1003';

UPDATE Department

   SET manager\_id = '172'

   WHERE Dept\_Code = '1004';

UPDATE Department

   SET manager\_id = '315'

   WHERE Dept\_Code = '1005';