**COLLEGEPOOL**

Implement SQL CREATE TABLE and corresponding DROP TABLE statements.

DROP TABLE [CollegePool.PublishedRankings]

DROP TABLE [CollegePool.CourseDetails]

DROP TABLE [CollegePool.University]

DROP TABLE [CollegePool.Location]

DROP TABLE [CollegePool.Program]

DROP TABLE [CollegePool.Journal]

Implement SQL INSERT INTO statements.

/\*Location\*/

INSERT [dbo].[CollegePool.Location] ([ctyID], [ctyName], [ctyState])

VALUES

('C001', 'Cambridge', 'MA')

,('C002', 'Philadelphia', 'PA')

,('C003', 'Washington D.C.', 'DC')

,('C004', 'Chicago', 'IL')

,('C005', 'Stanford', 'CA')

,('C006', 'Durham', 'NC')

,('C007', 'Hanover', 'NH')

,('C008', 'Evanston', 'IL')

,('C009', 'New York City', 'NY')

,('C010', 'Houston', 'TX')

,('C011', 'Berkeley', 'CA')

,('C012', 'Ann Arbor', 'MI')

,('C013', 'Ithaca', 'NY')

,('C014', 'Pittsburgh', 'PA')

,('C015', 'Seattle', 'WA')

,('C016', 'New Haven', 'CT')

,('C017', 'Charlottesville', 'VA')

,('C018', 'Los Angeles', 'CA')

,('C019', 'Austin', 'TX')

,('C020', 'Atlanta', 'GA')

,('C021', 'College Station', 'TX')

,('C022', 'Provo', 'UT')

,('C023', 'Chapel Hill', 'NC')

,('C024', 'State College', 'PA')

,('C025', 'Notre Dame', 'IN')

,('C026', 'Bloomington', 'IN')

,('C027', 'East Lansing', 'MI')

,('C028', 'Dallas', 'TX')

,('C029', 'Rochester', 'NY')

,('C030', 'Nashville', 'TN')

,('C031', 'Columbus', 'OH')

,('C032', 'West Lafayette', 'IN')

,('C033', 'Minneapolis', 'MN')

,('C034', 'College Park', 'MD')

,('C035', 'Iowa City', 'IA')

,('C036', 'Williamsburg', 'VA')

,('C037', 'Madison', 'WI')

,('C038', 'Chestnut Hills', 'MA')

,('C039', 'Champaign', 'IL')

,('C040', 'Buffalo', 'NY')

,('C041', 'Connecticut Ave', 'WA')

,('C042', 'Gainesville', 'FL')

,('C043', 'Boston', 'MA')

,('C044', 'New Brunswick', 'NJ')

,('C045', 'Irvine', 'CA')

,('C046', 'Norman', 'OK')

,('C047', 'Athens', 'GA')

,('C048', 'Fort Worth', 'TX')

,('C049', 'Salt Lake City', 'UT')

,('C050', 'Knoxville', 'TN')

,('C051', 'Oxford', 'OH')

,('C052', 'Babson Park', 'MA')

,('C053', 'Syracruse', 'NY')

,('C054', 'Storrs', 'CT')

,('C055', 'Waco', 'TX')

,('C056', 'Cincinnati', 'OH')

,('C057', 'Tucson', 'AZ')

,('C058', 'Raleigh', 'NC')

,('C059', 'Cleveland', 'OH')

,('C060', 'San Diego', 'CA')

,('C061', 'Lexington', 'KY')

,('C062', 'Malibu', 'CA')

,('C063', 'Lubbock', 'TX')

,('C064', 'Salem', 'OR')

,('C065', 'Tampa', 'FL')

,('C066', 'Boulder', 'CO')

,('C067', 'Orange', 'CA')

,('C068', 'Denver', 'CO')

,('C069', 'Eugene', 'OR')

,('C070', 'Tallahassee', 'FL')

,('C071', 'Baltimore', 'MD')

,('C072', 'Rolla', 'MO')

,('C073', 'Columbia', 'SC')

,('C074', 'Blacksburg', 'VA')

,('C075', 'Worcester', 'MA')

,('C076', 'New Orleans', 'LA')

,('C077', 'Bronx', 'NY')

,('C078', 'Davis', 'CA')

,('C079', 'St. Louis', 'MO')

,('C080', 'Coral Gables', 'FL')

,('C081', 'Stillwater', 'OK')

,('C082', 'Santa Clara', 'CA')

,('C083', 'Troy', 'NY')

,('C084', 'Baton Rouge', 'LA')

,('C085', 'Winston-Salem', 'NC')

,('C086', 'Villanova', 'PA')

,('C087', 'Hoboken', 'NJ')

,('C088', 'Waltham', 'MA')

/\*University\*/

INSERT [dbo].[CollegePool.University] ([univID], [univName], [ctyID])

VALUES

(1, 'Harvard University', 'C001')

,(2, 'University of Pennsylvania', 'C002')

,(3, 'MIT', 'C001')

,(4, 'University of Illinois at Chicago', 'C004')

,(5, 'Stanford University', 'C005')

,(6, 'Duke University', 'C006')

,(7, 'Dartmouth University', 'C007')

,(8, 'Northwestern University', 'C008')

,(9, 'Columbia University', 'C009')

,(10, 'Rice University', 'C010')

,(11, 'University of California at Berkeley', 'C011')

,(12, 'University of Michigan', 'C012')

,(13, 'Cornell University', 'C013')

,(14, 'Carnegie Mellon University', 'C014')

,(15, 'University of Washington', 'C015')

,(16, 'Yale University', 'C016')

,(17, 'University of Virginia', 'C017')

,(18, 'New York University', 'C009')

,(19, 'University of California Los Angeles', 'C018')

,(20, 'University of Texas at Austin', 'C019')

,(21, 'Emory University', 'C020')

,(22, 'Texas A&M University', 'C021')

,(23, 'Bringham Young University', 'C022')

,(24, 'University of North Carolina - Chapel Hill', 'C023')

,(25, 'Pennsylvania State University', 'C024')

,(26, 'University of Notre Dame', 'C025')

,(27, 'Indiana University at Bloomington', 'C026')

,(28, 'Georgia Tech University', 'C020')

,(29, 'Michigan State University', 'C027')

,(30, 'University of Southern California', 'C018')

,(31, 'University of Texas-Dallas', 'C028')

,(32, 'Southern Methodist University', 'C028')

,(33, 'University of Rochester', 'C029')

,(34, 'Vanderbilt University', 'C030')

,(35, 'Georgetown University', 'C003')

,(37, 'Ohio State University', 'C031')

,(38, 'Purdue University', 'C032')

,(39, 'University of Minnesota', 'C033')

,(40, 'University of Maryland', 'C034')

,(41, 'University of Iowa', 'C035')

,(42, 'College of William and Mary', 'C036')

,(43, 'University of Wisconsin', 'C037')

,(44, 'Boston College', 'C038')

,(45, 'University of Illinois at Urbana-Champaign', 'C039')

,(46, 'SUNY at Buffalo', 'C040')

,(47, 'Arizona State University', 'C041')

,(48, 'University of Florida', 'C042')

,(49, 'Boston University', 'C043')

,(50, 'Rutgers University', 'C044')

,(51, 'University of California at Irvine', 'C045')

,(52, 'University of Pittsburgh', 'C014')

,(53, 'University of Oklahoma', 'C046')

,(54, 'University of Georgia', 'C047')

,(55, 'Texas Christian University', 'C048')

,(56, 'University of Utah', 'C049')

,(57, 'University of Tennessee', 'C050')

,(58, 'Miami University', 'C051')

,(59, 'George Washington University', 'C003')

,(60, 'Northeastern University', 'C043')

,(62, 'Babson College', 'C052')

,(63, 'Howard University', 'C003')

,(64, 'Syracuse University', 'C053')

,(65, 'University of Houston', 'C010')

,(66, 'University of Connecticut', 'C054')

,(67, 'Baylor University', 'C055')

,(68, 'University of Cincinnati', 'C056')

,(69, 'University of Arizona', 'C057')

,(70, 'North Carolina State University', 'C058')

,(71, 'University of Mississippi', 'C051')

,(72, 'Case Western Reserve University', 'C059')

,(73, 'University of California at San Diego', 'C060')

,(74, 'University of Kentucky', 'C061')

,(75, 'Pepperdine University', 'C062')

,(76, 'Texas Tech University', 'C063')

,(77, 'Willamette University', 'C064')

,(78, 'University of Tampa', 'C065')

,(79, 'Rochester Institute of Technology', 'C029')

,(80, 'University of Colorado at Boulder', 'C066')

,(81, 'University of San Diego', 'C060')

,(82, 'Chapman University', 'C067')

,(83, 'University of Denver', 'C068')

,(84, 'San Diego State University', 'C060')

,(85, 'University of Oregon', 'C069')

,(87, 'Drexel University', 'C002')

,(88, 'Florida State University', 'C070')

,(91, 'Johns Hopkins University', 'C071')

,(92, 'Missouri University of Science and Technology', 'C072')

,(94, 'University of South Carolina', 'C073')

,(95, 'Virginia Tech', 'C074')

,(96, 'Worcester Polytechnic Institute', 'C075')

,(97, 'American University', 'C003')

,(98, 'Tulane University', 'C076')

,(99, 'University of Chicago', 'C004')

,(100, 'Fordham University', 'C077')

,(101, 'University of California at Davis', 'C078')

,(102, 'Temple University', 'C002')

,(103, 'Washington University at St. Louis', 'C079')

,(104, 'University of Miami', 'C080')

,(105, 'Hult International Business School', 'C001')

,(106, 'Dartmouth College', 'C007')

,(108, 'Iowa State University', 'C003')

,(109, 'Illinois Institute of Technology', 'C004')

,(110, 'Oklahoma State University', 'C081')

,(111, 'Santa Clara University', 'C082')

,(112, 'Georgia State University', 'C020')

,(113, 'Rensselaer Polytechnic Institute', 'C083')

,(114, 'Louisiana State University', 'C084')

,(115, 'Wake Forest University', 'C085')

,(116, 'Villanova University', 'C086')

,(117, 'Stevens Institute of Technology', 'C087')

,(119, 'Northern Kentucky University', 'C056')

,(120, 'University of America', 'C003')

,(121, 'Bentley University', 'C088')

/\*Program\*/

INSERT [dbo].[CollegePool.Program] ([pgmID], [pgmName])

VALUES

('MBA', 'Master of Business Administration')

,('MSBA', 'Master of Business Analytics')

,('MSIS', 'Master of Information Systems')

/\*Journal\*/

INSERT [dbo].[CollegePool.Journal] ([journalID], [journalName])

VALUES

('J01', 'Bloomsberg')

,('J02', 'Economist')

,('J03', 'Financial Times')

,('J04', 'Poets & Quants')

,('J05', 'US News')

,('J06', 'Master in Data Science')

,('J07', 'Best Masters')

,('J08', 'Higher Edu Blog')

,('J09', 'Kylsonwang Blog')

,('J10', 'tfeuniversities')

,('J11', 'top mba')

/\*Course Details\*/

INSERT [dbo].[CollegePool.CourseDetails] ([univID], [pgmID], [tuitionFee], [avgJobSalary], [acceptanceRate], [avgGREscore], [avgGMATscore], [avgGPA])

VALUES

(1, 'MBA',106800,202666,0.11, NULL,730,3.71)

,(2, 'MBA',125000,218900,0.13,325,730,3.6)

,(2, 'MSIS', NULL, NULL, NULL, NULL, NULL, NULL)

,(3, 'MBA',131500,145826,0.11, NULL,724,3.64)

,(3, 'MSIS',99784,95700,0.08,323,720,3.61)

,(4, 'MBA',69548,71679,0.23, NULL,726,3.52)

,(5, 'MBA',68000,153000,0.17, NULL,737,3.74)

,(6, 'MBA',131330,119056, NULL, NULL,695,3.14)

,(7, 'MBA',105915,99132, NULL, NULL,722,3.51)

,(8, 'MBA',100217,129808,0.2, NULL,732,3.6)

,(9, 'MBA',106416,146645, NULL, NULL,724,3.5)

,(10, 'MBA',125000,131829, NULL, NULL,690,3.34)

,(11, 'MBA',64450,140067, NULL, NULL,717,3.65)

,(11, 'MSIS', NULL, NULL, NULL, NULL, NULL, NULL)

,(12, 'MBA',59350,145926, NULL, NULL,708,3.56)

,(13, 'MBA',95841,146252, NULL, NULL,700,3.69)

,(14, 'MBA',131167,117717, NULL, NULL,691,3.3)

,(14, 'MSIS',104266,108750, NULL,319,700,3.75)

,(15, 'MBA',194424,111847, NULL, NULL,690,3.39)

,(15, 'MSIS',78824,102000, NULL,319,664,3.3)

,(16, 'MBA',64200,135988, NULL, NULL,725,3.76)

,(18, 'MBA',138172,112096,0.21,315,714,3.48)

,(18, 'MSIS',87552,117000, NULL,315, NULL,3.6)

,(19, 'MBA',120616,88396,0.1, NULL,716,3.6)

,(20, 'MBA',74214,113500, NULL, NULL,700,3.42)

,(22, 'MBA',105196,115666, NULL,308,649,3.32)

,(27, 'MBA',94254,110000, NULL, NULL,670,3.34)

,(27, 'MSIS',75894,90750, NULL,321,684,3.45)

,(31, 'MBA',32412,83000, NULL,311,670,3.5)

,(31, 'MSBA',35412,70000, NULL,311,600,3.4)

,(31, 'MSIS',35412,70000, NULL,310,600,3.3)

,(40, 'MBA',112796,110374, NULL, NULL,660,3.3)

,(40, 'MSBA',62422,85000, NULL,315, NULL,3.32)

,(40, 'MSIS',62422,80000, NULL,316,673,3.37)

,(47, 'MBA',98800,98633,0.24,311,634,3.51)

,(47, 'MSBA', NULL, NULL, NULL, NULL, NULL, NULL)

,(47, 'MSIS',54200,95555,0.65,306,616,3.32)

,(50, 'MBA',68532,97546, NULL,317,673,3.27)

,(50, 'MSIS',67999,87987, NULL,315, NULL,3.45)

,(51, 'MBA',102959,84287, NULL, NULL,659,3.35)

,(52, 'MBA',41214,70600, NULL, NULL,600,3.3)

,(64, 'MBA',122078,75879, NULL, NULL,626,3.45)

,(64, 'MSIS',82396,75009, NULL,315, NULL,3.6)

,(70, 'MBA',82220, NULL,0.38,317,655,3.42)

/\*Published Rankings\*/

INSERT [dbo].[CollegePool.PublishedRankings] ([univID], [pgmID], [journalID], [yearNumber], [ranking])

VALUES

(1, 'MBA', 'J01', 2015, NULL)

,(1, 'MBA', 'J01', 2016, 1)

,(1, 'MBA', 'J01', 2017, 1)

,(1, 'MBA', 'J02', 2015, 4)

,(1, 'MBA', 'J02', 2016, 4)

,(1, 'MBA', 'J02', 2017, 3)

,(1, 'MBA', 'J03', 2015, 1)

,(1, 'MBA', 'J03', 2016, 1)

,(1, 'MBA', 'J03', 2017, 3)

,(1, 'MBA', 'J04', 2015, 1)

,(1, 'MBA', 'J04', 2016, 1)

,(1, 'MBA', 'J05', 2017, 1)

,(1, 'MSIS', 'J04', 2016, NULL)

,(1, 'MSIS', 'J04', 2017, NULL)

,(2, 'MBA', 'J01', 2015, NULL)

,(2, 'MBA', 'J01', 2016, 6)

,(2, 'MBA', 'J01', 2017, 2)

,(2, 'MBA', 'J02', 2015, 10)

,(2, 'MBA', 'J02', 2016, 12)

,(2, 'MBA', 'J02', 2017, 4)

,(2, 'MBA', 'J03', 2015, 2)

,(2, 'MBA', 'J03', 2016, 2)

,(2, 'MBA', 'J03', 2017, 2)

,(2, 'MBA', 'J04', 2015, 4)

,(2, 'MBA', 'J04', 2016, 5)

,(2, 'MBA', 'J05', 2017, 2)

,(2, 'MSIS', 'J04', 2016, 9)

,(2, 'MSIS', 'J04', 2017, 6)

,(2, 'MSIS', 'J06', 2017, 9)

,(3, 'MBA', 'J01', 2015, NULL)

,(3, 'MBA', 'J01', 2016, 7)

,(3, 'MBA', 'J01', 2017, 3)

,(3, 'MBA', 'J02', 2015, 15)

,(3, 'MBA', 'J02', 2016, 17)

,(3, 'MBA', 'J02', 2017, 19)

,(3, 'MBA', 'J03', 2015, 5)

,(3, 'MBA', 'J03', 2016, 7)

,(3, 'MBA', 'J03', 2017, 7)

,(3, 'MBA', 'J04', 2015, 7)

,(3, 'MBA', 'J04', 2016, 6)

,(3, 'MBA', 'J05', 2017, 4)

,(3, 'MSBA', 'J04', 2017, 1)

,(3, 'MSBA', 'J05', 2017, 1)

,(3, 'MSBA', 'J11', 2017, 1)

,(3, 'MSIS', 'J04', 2016, 1)

,(3, 'MSIS', 'J04', 2017, 1)

,(3, 'MSIS', 'J06', 2017, 1)

,(4, 'MSBA', 'J11', 2017, 22)

,(4, 'MSIS', 'J04', 2016, NULL)

,(4, 'MSIS', 'J04', 2017, NULL)

,(4, 'MSIS', 'J08', 2015, 13)

,(5, 'MBA', 'J01', 2015, NULL)

,(5, 'MBA', 'J01', 2016, 2)

,(5, 'MBA', 'J01', 2017, 5)

,(5, 'MBA', 'J02', 2015, 13)

,(5, 'MBA', 'J02', 2016, 5)

,(5, 'MBA', 'J02', 2017, 5)

,(5, 'MBA', 'J03', 2015, 3)

,(5, 'MBA', 'J03', 2016, 3)

,(5, 'MBA', 'J03', 2017, 1)

,(5, 'MBA', 'J04', 2015, 2)

,(5, 'MBA', 'J04', 2016, 2)

,(5, 'MBA', 'J05', 2017, 6)

,(5, 'MSIS', 'J04', 2016, 7)

,(5, 'MSIS', 'J04', 2017, 7)

,(5, 'MSIS', 'J06', 2017, 4)

,(6, 'MBA', 'J01', 2015, NULL)

,(6, 'MBA', 'J01', 2016, 3)

,(6, 'MBA', 'J01', 2017, 6)

,(6, 'MBA', 'J02', 2015, 20)

,(6, 'MBA', 'J02', 2016, 18)

,(6, 'MBA', 'J02', 2017, 13)

,(6, 'MBA', 'J03', 2015, 11)

,(6, 'MBA', 'J03', 2016, 12)

,(6, 'MBA', 'J03', 2017, 13)

,(6, 'MBA', 'J04', 2015, 11)

,(6, 'MBA', 'J04', 2016, 11)

,(6, 'MBA', 'J05', 2017, 12)

,(6, 'MSBA', 'J05', 2017, 2)

,(6, 'MSIS', 'J04', 2016, NULL)

,(6, 'MSIS', 'J04', 2017, NULL)

,(7, 'MBA', 'J01', 2015, NULL)

,(7, 'MBA', 'J01', 2016, 5)

,(7, 'MBA', 'J01', 2017, 7)

,(7, 'MBA', 'J02', 2015, 3)

,(7, 'MBA', 'J02', 2016, 6)

,(7, 'MBA', 'J02', 2017, 8)

,(7, 'MBA', 'J04', 2015, 9)

,(7, 'MSIS', 'J04', 2016, NULL)

,(7, 'MSIS', 'J04', 2017, NULL)

,(8, 'MBA', 'J01', 2015, 1)

,(8, 'MBA', 'J01', 2016, 9)

,(8, 'MBA', 'J01', 2017, 8)

,(8, 'MBA', 'J02', 2015, 7)

,(8, 'MBA', 'J02', 2016, 2)

,(8, 'MBA', 'J02', 2017, 1)

,(8, 'MBA', 'J03', 2015, 8)

,(8, 'MBA', 'J03', 2016, 8)

,(8, 'MBA', 'J03', 2017, 6)

,(8, 'MBA', 'J04', 2015, 5)

,(8, 'MBA', 'J04', 2016, 4)

,(8, 'MBA', 'J05', 2017, 5)

,(8, 'MSIS', 'J04', 2016, NULL)

,(8, 'MSIS', 'J04', 2017, NULL)

,(9, 'MBA', 'J01', 2015, NULL)

,(9, 'MBA', 'J01', 2016, 11)

,(9, 'MBA', 'J01', 2017, 9)

,(9, 'MBA', 'J02', 2015, 12)

,(9, 'MBA', 'J02', 2016, 11)

,(9, 'MBA', 'J02', 2017, 9)

,(9, 'MBA', 'J03', 2015, 4)

,(9, 'MBA', 'J03', 2016, 4)

,(9, 'MBA', 'J03', 2017, 4)

,(9, 'MBA', 'J04', 2015, 6)

,(9, 'MBA', 'J04', 2016, 9)

,(9, 'MBA', 'J05', 2017, 9)

,(9, 'MSIS', 'J04', 2016, NULL)

,(9, 'MSIS', 'J04', 2017, NULL)

,(10, 'MBA', 'J01', 2015, 3)

,(10, 'MBA', 'J01', 2016, 8)

,(10, 'MBA', 'J01', 2017, 10)

,(10, 'MBA', 'J02', 2015, 45)

,(10, 'MBA', 'J02', 2016, 43)

,(10, 'MBA', 'J02', 2017, 42)

,(10, 'MBA', 'J03', 2015, 21)

,(10, 'MBA', 'J03', 2016, 24)

,(10, 'MBA', 'J03', 2017, 32)

,(10, 'MBA', 'J04', 2015, 25)

,(10, 'MBA', 'J04', 2016, 23)

,(10, 'MBA', 'J05', 2017, 30)

,(10, 'MSIS', 'J04', 2016, NULL)

,(10, 'MSIS', 'J04', 2017, NULL)

,(11, 'MBA', 'J01', 2015, 5)

,(11, 'MBA', 'J01', 2016, 10)

,(11, 'MBA', 'J01', 2017, 11)

,(11, 'MBA', 'J02', 2015, 6)

,(11, 'MBA', 'J02', 2016, 7)

,(11, 'MBA', 'J02', 2017, 7)

,(11, 'MBA', 'J03', 2015, 7)

,(11, 'MBA', 'J03', 2016, 5)

,(11, 'MBA', 'J03', 2017, 8)

,(11, 'MBA', 'J04', 2015, 8)

,(11, 'MBA', 'J04', 2016, 8)

,(11, 'MBA', 'J05', 2017, 7)

,(11, 'MSIS', 'J04', 2016, 16)

,(11, 'MSIS', 'J04', 2017, 14)

,(11, 'MSIS', 'J06', 2017, 7)

,(11, 'MSIS', 'J07', 2017, 1)

,(11, 'MSIS', 'J08', 2015, 3)

,(12, 'MBA', 'J01', 2015, 11)

,(12, 'MBA', 'J01', 2016, 13)

,(12, 'MBA', 'J01', 2017, 12)

,(12, 'MBA', 'J02', 2015, 27)

,(12, 'MBA', 'J02', 2016, 21)

,(12, 'MBA', 'J02', 2017, 12)

,(12, 'MBA', 'J03', 2015, 13)

,(12, 'MBA', 'J03', 2016, 11)

,(12, 'MBA', 'J03', 2017, 12)

,(12, 'MBA', 'J04', 2015, 13)

,(12, 'MBA', 'J04', 2016, 13)

,(12, 'MBA', 'J05', 2017, 11)

,(12, 'MSIS', 'J04', 2016, 14)

,(12, 'MSIS', 'J04', 2017, 15)

,(12, 'MSIS', 'J08', 2015, 14)

,(13, 'MBA', 'J01', 2015, NULL)

,(13, 'MBA', 'J01', 2016, 16)

,(13, 'MBA', 'J01', 2017, 13)

,(13, 'MBA', 'J02', 2015, 23)

,(13, 'MBA', 'J02', 2016, 28)

,(13, 'MBA', 'J02', 2017, 26)

,(13, 'MBA', 'J03', 2015, 15)

,(13, 'MBA', 'J03', 2016, 15)

,(13, 'MBA', 'J03', 2017, 14)

,(13, 'MBA', 'J04', 2015, 14)

,(13, 'MBA', 'J04', 2016, 14)

,(13, 'MBA', 'J05', 2017, 16)

,(13, 'MSIS', 'J04', 2016, NULL)

,(13, 'MSIS', 'J04', 2017, NULL)

,(13, 'MSIS', 'J07', 2017, 3)

,(14, 'MBA', 'J01', 2015, 2)

,(14, 'MBA', 'J01', 2016, 15)

,(14, 'MBA', 'J01', 2017, 14)

,(14, 'MBA', 'J02', 2015, 30)

,(14, 'MBA', 'J02', 2016, 33)

,(14, 'MBA', 'J02', 2017, 30)

,(14, 'MBA', 'J03', 2015, 17)

,(14, 'MBA', 'J03', 2016, 16)

,(14, 'MBA', 'J03', 2017, 17)

,(14, 'MBA', 'J04', 2015, 19)

,(14, 'MBA', 'J04', 2016, 19)

,(14, 'MBA', 'J05', 2017, 19)

,(14, 'MSIS', 'J04', 2016, 2)

,(14, 'MSIS', 'J04', 2017, 2)

,(14, 'MSIS', 'J06', 2017, 2)

,(14, 'MSIS', 'J07', 2017, 4)

,(14, 'MSIS', 'J08', 2015, 1)

,(15, 'MBA', 'J01', 2015, 18)

,(15, 'MBA', 'J01', 2016, 19)

,(15, 'MBA', 'J01', 2017, 15)

,(15, 'MBA', 'J02', 2015, 37)

,(15, 'MBA', 'J02', 2016, 32)

,(15, 'MBA', 'J02', 2017, 36)

,(15, 'MBA', 'J03', 2015, 25)

,(15, 'MBA', 'J03', 2016, 21)

,(15, 'MBA', 'J03', 2017, 19)

,(15, 'MBA', 'J04', 2015, 22)

,(15, 'MBA', 'J04', 2016, 22)

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,(121, 'MSIS', 'J08', 2015, 16)

Implement SQL SELECT COUNT(\*) statements on every table/view.

SELECT COUNT(\*) FROM [CollegePool.Location];

SELECT COUNT(\*) FROM [CollegePool.University];

SELECT COUNT(\*) FROM [CollegePool.Program];

SELECT COUNT(\*) FROM [CollegePool.Journal];

SELECT COUNT(\*) FROM [CollegePool.CourseDetails];

SELECT COUNT(\*) FROM [CollegePool.PublishedRankings];

Identify business transactions as question statements.

Implement SQL SELECT statements to test/answer every business transaction.

--Business Transactions

1. What are the universities for Master’s in Information Systems in descending order of average GRE score?

SELECT cd.univId, u.univName, cd.pgmId, cd.avgGREscore

FROM [dbo].[CollegePool.CourseDetails] cd JOIN [dbo].[CollegePool.University] u

ON cd.univId = u.univId

WHERE pgmId = 'MSIS'

ORDER BY cd.avgGREscore DESC

2. What are the top 10 for MBA according to Journal ‘Poets & Quants’ for the Year 2016?

SELECT TOP 10 pr.ranking, u.univName, l.ctyName, l.ctyState, pr.pgmId, j.journalName, pr.yearNumber

FROM [dbo].[CollegePool.PublishedRankings] pr JOIN [dbo].[CollegePool.University] u

ON pr.univId = u.univId

JOIN [dbo].[CollegePool.Location] l

ON u.ctyId = l.ctyId

JOIN [dbo].[CollegePool.Journal] j

ON pr.journalId = j.journalId

WHERE pr.pgmId = 'MBA'

AND j.journalName = 'Poets & Quants'

AND pr.yearNumber = 2016

ORDER BY pr.ranking ASC

3. What are the top MBA Universities and the Cities they are situated in for 6 popular States- California, New York, Pennsylvania, Washington D.C., Georgia & Texas?

SELECT u.univName, l.ctyName, pr.ranking

FROM [dbo].[CollegePool.PublishedRankings] pr

JOIN [dbo].[CollegePool.University] u

ON pr.univId = u.univId

JOIN [dbo].[CollegePool.Location] l

ON u.ctyID = c.ctyId

WHERE pgmId = 'MBA' AND ctyState = 'CA'

ORDER BY pr.ranking ASC

4. What are the top universities based on Rank from different Journals for Year 2017?

SELECT u.univName, pr.ranking

FROM [dbo].[CollegePool.PublishedRankings] pr JOIN [dbo].[CollegePool.University] u

ON pr.univId = u.univId

JOIN [dbo].[CollegePool.Journal] j

ON pr.journalId = j.journalId

WHERE pgmId = 'MBA' AND journalName = 'US News'

AND pr.yearNumber = 2017

ORDER BY pr.ranking ASC