

### Project Deliverable 3: Seed Data Delivery – Due Monday March 29<sup>th</sup> at 11:59 pm

- For Project Deliverable 3 use the corrected create script **to create a database and insert “seed data” using a Python program.**
- The seed data should contain all of the data in the tables of information below. Some data required may not be included in the tables below; add whatever is necessary to ensure referential integrity;
- Also remember to ensure all data elements are available as specified:
  - **Valid regions are as follows:** Northwest (NW), Southwest (SW), Midwest North (MN), Midwest South (MS), Northeast (NE), and Southeast (SE).
  - **Valid skills are as follows:** data entry I, data entry II, systems analyst I, systems analyst II, database designer I, database designer II, Cobol I, Cobol II, C++ I, C++ II, VB I, VB II, ColdFusion I, ColdFusion II, ASP I, ASP II, Oracle DBA, MS SQL Server DBA, network engineer I, network engineer II, web administrator, technical writer, and project manager.
- You will turn in the Python program that I can execute by editing your program with my database and empty schema for the DBconnect.
- Grading will consist of ensuring your create scripts are in line with the prior deliverable corrections as well as all data is inserted correctly.
- FINAL NOTE: the table create and data entry will need to be done in an order that will not cause referential integrity errors.

Skill	Employee
Data Entry I	Seaton Amy; Williams Josh; Underwood Trish
Data Entry II	Williams Josh; Seaton Amy
Systems Analyst I	Craig Brett; Sewell Beth; Robbins Erin; Bush Emily; Zebras Steve
Systems Analyst II	Chandler Joseph; Burklow Shane; Robbins Erin
DB Designer I	Yarbrough Peter; Smith Mary
DB Designer II	Yarbrough Peter; Pascoe Jonathan
Cobol I	Kattan Chris; Epahnor Victor; Summers Anna; Ellis Maria
Cobol II	Kattan Chris; Epahnor Victor, Batts Melissa
C++ I	Smith Jose; Rogers Adam; Cope Leslie
C++ II	Rogers Adam; Bible Hanah
VB I	Zebras Steve; Ellis Maria
VB II	Zebras Steve; Newton Christopher
ColdFusion I	Duarte Miriam; Bush Emily
ColdFusion II	Bush Emily; Newton Christopher
ASP I	Duarte Miriam; Bush Emily
ASP II	Duarte Miriam; Newton Christopher
Oracle DBA	Smith Jose; Pascoe Jonathan
SQL Server DBA	Yarbrough Peter; Smith Jose
Network Engineer I	Bush Emily; Smith Mary

Network Engineer II	Bush Emily; Smith Mary
Web Administrator	Bush Emily; Smith Mary; Newton Christopher
Technical Writer	Kilby Surgena; Bender Larry
Project Manager	Paine Brad; Mudd Roger; Kenyon Tiffany; Connor Sean

<b>Project ID:</b> 1		<b>Description:</b> Sales Management System		
<b>Company :</b> See Rocks		<b>Contract Date:</b> 2/12/2014		<b>Region:</b> NW
<b>Start Date:</b> 3/1/2014		<b>End Date:</b> 7/1/2014		<b>Budget:</b> \$15,500
Start Date	End Date	Task Description	Skill(s) Required	Quantity Required
3/1/14	3/6/14	Initial Interview	Project Manager	1
			Systems Analyst II	1
			DB Designer I	1
3/11/14	3/15/14	Database Design	DB Designer I	1
3/11/14	4/12/14	System Design	Systems Analyst II	1
			Systems Analyst I	2
3/18/14	3/22/14	Database Implementation	Oracle DBA	1
3/25/14	5/20/14	System Coding & Testing	Cobol I	2
			Cobol II	1
			Oracle DBA	1
3/25/14	6/7/14	System Documentation	Technical Writer	1
6/10/14	6/14/14	Final Evaluation	Project Manager	1
			Systems Analyst II	1
			DB Designer I	1
			Cobol II	1
6/17/14	6/21/14	On-Site System Online and Data Loading	Project Manager	1
			Systems Analyst II	1
			DB Designer I	1
			Cobol II	1
7/1/14	7/1/14	Sign-Off	Project Manager	1

<b>Project ID:</b> 1		<b>Description:</b> Sales Management System				
<b>Company:</b> See Rocks		<b>Contract Date:</b> 2/12/2010			<b>As of:</b> 03/29/10	
SCHEDULED				ACTUAL ASSIGNMENTS		
Project Task	Start Date	End Date	Skill	Employee	Start Date	End Date
Initial Interview	3/1/14	3/6/14	Project Mgr.	101—Connor S.	3/1/14	3/6/14
			Sys. Analyst II	102—Burklow S.	3/1/14	3/6/14
			DB Designer I	103—Smith M.	3/1/14	3/6/14
Database Design	3/11/14	3/15/14	DB Designer I	104—Smith M.	3/11/14	3/14/14

System Design	3/11/14	4/12/14	Sys. Analyst II Sys. Analyst I Sys. Analyst I	105—Burklow S. 106—Bush E. 107—Zebras S.	3/11/14 3/11/14 3/11/14	
Database Implementation	3/18/14	3/22/14	Oracle DBA	108—Smith J.	3/15/14	3/19/14
System Coding & Testing	3/25/14	5/20/14	Cobol I Cobol I Cobol II Oracle DBA	109—Summers A. 110—Ellis M. 111—Ephanor V. 112—Smith J.	3/21/14 3/21/14 3/21/14 3/21/14	
System Documentation	3/25/14	6/7/14	Tech. Writer	113—Kilby S.	3/25/14	
Final Evaluation	6/10/14	6/14/14	Project Mgr. Sys. Analyst II DB Designer I Cobol II			
On-Site System Online and Data Loading	6/17/14	6/21/14	Project Mgr. Sys. Analyst II DB Designer I Cobol II			
Sign-Off	7/1/14	7/1/14	Project Mgr.			

Employee Name	Week Ending	Assignment Number	Hours Worked	Bill Number
Burklow S.	3/1/14	1-102	4	xxx
Connor S.	3/1/14	1-101	4	xxx
Smith M.	3/1/14	1-103	4	xxx
Burklow S.	3/8/14	1-102	24	xxx
Connor S.	3/8/14	1-101	24	xxx
Smith M.	3/8/14	1-103	24	xxx
Burklow S.	3/15/14	1-105	40	xxx
Bush E.	3/15/14	1-106	40	xxx
Smith J.	3/15/14	1-108	6	xxx
Smith M.	3/15/14	1-104	32	xxx
Zebras S.	3/15/14	1-107	35	xxx
Burklow S.	3/22/14	1-105	40	
Bush E.	3/22/14	1-106	40	
Ellis M.	3/22/14	1-110	12	
Ephanor V.	3/22/14	1-111	12	
Smith J.	3/22/14	1-108	12	
Smith J.	3/22/14	1-112	12	

Summers A.	3/22/14	1-109	12	
Zebras S.	3/22/14	1-107	35	
Burklow S.	3/29/14	1-105	40	
Bush E.	3/29/14	1-106	40	
Ellis M.	3/29/14	1-110	35	
Ephanor V.	3/29/14	1-111	35	
Kilby S.	3/29/14	1-113	40	
Smith J.	3/29/14	1-112	35	
Summers A.	3/29/14	1-109	35	
Zebras S.	3/29/14	1-107	35	
<i>Note:</i> xxx represents the bill ID. Use the one that matches the bill number in your database.				