Assignment 1

Marking Scheme

Submitting your Assignment

README File Contents

Marking Scheme for Part 1

Item	Description	Grade
Commands	There are 16 commands required – 1 mark for each one that works successfully	16
Extra commands or flags	1 mark for each successfully executed extra	4 (max) – only added if you have a grade of > 12 for required commands
Error handling	If an error is not detected then 1 is subtracted from the maximum grade of 5	5
Code – organization and style	Modular, clean, sufficiently documented	5
Total grade for Part 1		30

Marking Scheme for Part 2

Item	Description	Grade
Loading files program (A)	4 files to be loaded – 1 mark each	4
Queries	Using AWS CLI	4
Data analysis program (B)	Completeness and correctness of solution	10 + 1 if you query the encodings table as part of the program
Error handling in both programs	If an error is not detected then 1 is subtracted from the maximum grade of 5	5
Code – organization and style	Modular, clean, sufficiently documented	2 for program (A) and 4 for program (B) = 6
Total grade for Part 2		30

Submitting your Assignment

- Place all files in the A1 directory in your SOCS Gitlab CIS*4010 repo.
- You will have the following files:
  - All Python files necessary for the assignment (with the names designated in the assignment: awsS3Shell.py, loadTable.py, queryOECD.py). If you have a separate program to upload the encodings.csv file then please document that in the README file
  - config.ini – do not worry about the contents but you must have the style correct
  - README file – complete documentation for the assignment

README File Contents

General

Python Modules

- Modules that must be installed for your code to work

Part 1: awsS3Shell.py Program

- Any basic commands or flags that your program does not handle
- Any ”extra” flags or commands that you have added to the basic requirements
- Error conditions checked by your program
- Any comments/instructions for the marker

README File Contents (cont'd)

Part 2: DynamoDB

loadTable.py Program

- What is your primary key?
- Names of all fields/attributes
- Does this also load encodings.csv? If not, what is the name of the program that does and how is it run on the commandline?

queryOECD.py Program

- How is the program run? Commandline or stdin?
- Does this program read in the values from the encodings table?

Error Conditions

Comments/Instructions for the Marker