

## User Guide and Service Access Assignment Instructions

### Overview

In this assignment, you will be logging into the AWS Academy software environment and doing the following:

- Take the Pre-Course Survey.
- Read *AWS Academy Learner Lab Student Guide*.
- Read *Learn how to effectively use the AWS Academy Learner Lab*.
- Take and pass a quiz in the form of *Module Knowledge Check*.
- Launch the AWS Academy Learner Lab Environment.
- Create a SageMaker Notebook Instance for this assignment.
- Using the notebook instance, make changes as directed to the Jupyter Notebook provided.

### Tools

You are expected to use the tools used in the accompanying tutorial video:

- AWS Academy Canvas site
- AWS Learner Lab environment
- Jupyter Notebook
- Some utility program that will take and save a screen shot on your computer

### Starter Files

There is a public git repository that acts as a starter file. The URL needed to access this repository is provided below.

## Assignment Details

Follow along with the accompanying tutorial video while you complete the exercises described below.

To access the AWS Academy login page, please use the following URL:

- [https://www.awsacademy.com/vforcesite/LMS\\_LOGIN](https://www.awsacademy.com/vforcesite/LMS_LOGIN)

## Exercises

1. Survey, Readings, and Module Knowledge Check (Regular)
  - Complete the *Pre-Course Survey*
  - Read the *AWS Academy Learner Lab Student Guide*
  - Read *Learn how to effectively use the AWS Academy Learner Lab*
  - Take the *Module Knowledge Check*
  - Using the screenshot tool of your choice, take a screenshot of the grades page for the *Module Knowledge Check* to document your having scored 70% or greater on the quiz. Name the screenshot file `knowledge_check_results.png` or `knowledge_check_results.jpg` depending on the image format.
2. Create Notebook Instance (Regular)
  - Create a SageMaker Notebook Instance named `user-guide-and-service-access-assignment`. Follow the method demonstrated in the tutorial to populate this notebook instance using the public Git repository provided. The URL for the Git repository is:
    - <https://github.com/uiuc-ischool-trainor1/starter-for-is597-mlc-user-guide-and-service-access-assignment.git>
  - Using the screenshot tool of your choice, take a screenshot of the SageMaker Notebook Instance page that includes your new notebook instance. Name the screenshot file `notebook_instance.png` or `notebook_instance.jpg` depending on the image format.
3. Rename the Jupyter Notebook File (Regular)
  - Rename the Jupyter Notebook file to include your first name by following the procedure demonstrated in the tutorial video.
  - Using the screenshot tool of your choice, take a screenshot of the full Jupyter Notebook page that includes the browser address bar. Name the screenshot file `jupyter_notebook.png` or `jupyter_notebook.jpg` depending on the image format.
4. Provide code to print your name and Illinois NetID (Challenge)
  - In the code cell provided, code two Python print statements. The first should print your name. The second should print your Illinois NetID.
  - Using the screenshot tool of your choice, take a screenshot of the full Jupyter Notebook page that includes the browser address bar. Name the screenshot file `jupyter_notebook.png` or `jupyter_notebook.jpg` depending on the image format. Please note, if you do this challenge exercise, you only need to create one screenshot file that documents your work on both Exercise 3 and Exercise 4.

## Deliverables

You are expected to upload a single .ZIP file to the appropriate submission activity on the Canvas site for our course. This is on the Illinois Canvas system – Not the Canvas system used by AWS Academy. See below for details regarding naming.

### Creating the Submission File

1. Create a directory to hold your screenshot files with the following naming scheme:

`surname_givenname_user_guide_and_service_access_assignment`

If this were my own submission, I would name my directory as follows:

`trainor_kevin_user_guide_and_service_access_assignment`

2. Place the files creating during the exercises in the directory. These should include:
  - `knowledge_check_results.png` or `knowledge_check_results.jpg`
  - `notebook_instance.png` or `notebook_instance.jpg`
  - `jupyter_notebook.png` or `jupyter_notebook.jpg`
3. Use a zip utility to create one zip file that contains directory. The zip file should be named according to the following scheme:

`surname_givenname_user_guide_and_service_access_assignment.zip`

If this were my own submission, I would name the zip file as follows:

`trainor_kevin_user_guide_and_service_access_assignment.zip`

### Due By

Please submit this assignment by the date and time shown in the Weekly Schedule.

Last Revised  
2024-09-08