

Intel® Tiber™ AI Cloud Getting Started Instructions for the Intel® Certified Developer Program

What is the Intel® Tiber™ AI Cloud?

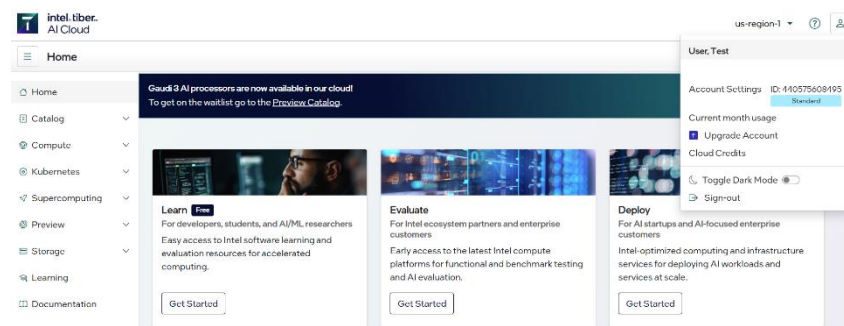
Intel® Tiber™ AI Cloud is a service platform for developing and running workloads in Intel®-optimized deployment environments with the latest Intel® processors and performance-optimized software stacks.

How will I be using the Intel® Tiber™ AI Cloud in this course?

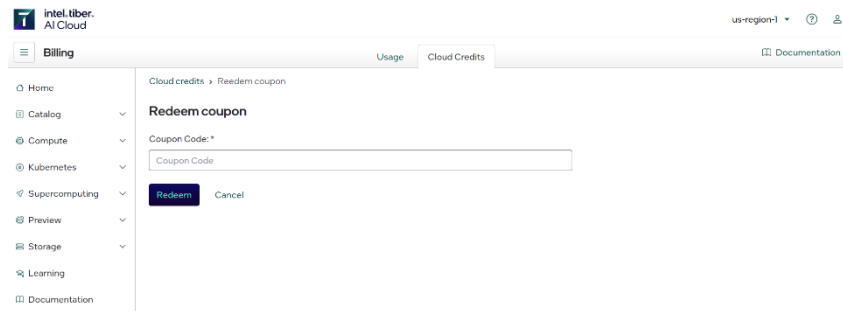
The Intel® Tiber™ AI Cloud will be the designated compute platform and infrastructure for all the course labs. You will leverage 4th Generation Intel® Xeon® Scalable Processor instances through the command line and SSH connections to the VSCode IDE. For some labs, you must use the free Jupyter Lab notebooks under the “Training and Workshops” page.

Step-by-Step Instructions to Getting Started with Intel® Tiber™ AI Cloud for this Course:

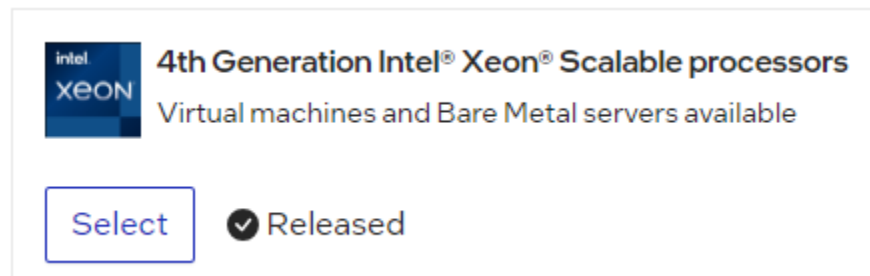
1. Visit cloud.intel.com and create a Standard Tier account.
2. Once your account is created, navigate to the Intel® Tiber™ AI Cloud homepage.
3. Refer back to the MLOps Professional Study Guide section called “Getting Started with the MLOps Professional Training Package” and click the link labeled “Access Code for Intel® Tiber™ AI Cloud” to access your complimentary cloud coupon code.
 - a. Please note: The complimentary coupon code is for Standard Tier accounts only.
4. To redeem your complimentary cloud coupon, expand the user drop-down on the upper right and select “Cloud Credits.”



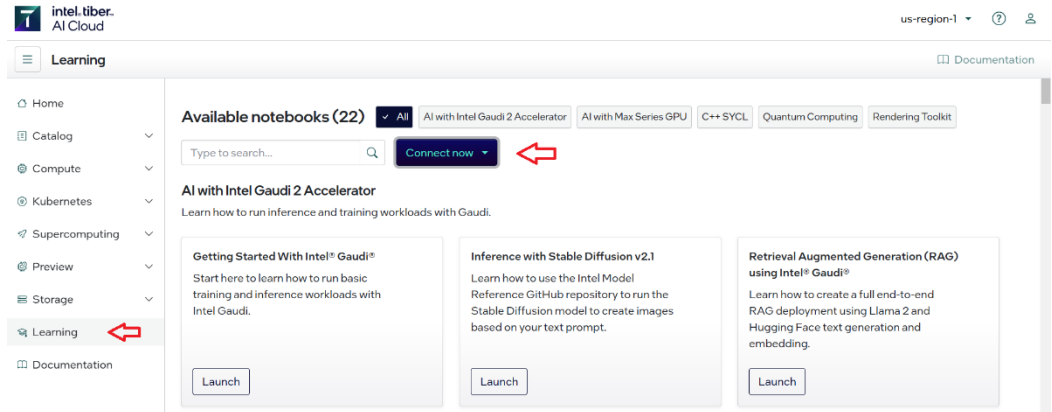
5. Click the “Redeem coupon” button, enter the provided coupon code, and click the “Redeem” button.



6. You should see the new amount in the “Total credit amount” column of your Cloud History in the Cloud Credits table.
7. From the home page, click the “Getting Started” section under “Learning and Support.” This will take you to a guide for setting up SSH Keys, addressing Access from a Corporate Network (if working from VPNs), and launching a compute instance.
8. For labs requiring Jupyter Lab, you will not need any cloud credits. Basic information for accessing the Jupyter Lab functionality is found below. For more information, visit the Get Started page on the Intel® Tiber™ AI Cloud.
9. For the labs in this course, you will be leveraging two types of compute instances:
 - a. 4th Generation Intel® Xeon® Scalable Processor VMs



- i. Instance Type: Small VM 8 cores, 16 GB memory, and 20 GB disk
 - ii. Machine Image: ubuntu-2204-jammy-v20230122
- b. 4th Generation Intel® Xeon® Scalable Processor - Bare Metal Instances
 - i. Instance Type: 4th Generation Intel® Xeon® Scalable Processor 112 cores, 2 sockets, 256 GB memory, and 2 TB disk
 - ii. Machine Image: ubuntu-22.04-server-cloudimg-amd64-latest
- c. Jupyter Lab Notebooks



- i. Use the terminal functionality in Jupyter Lab to clone the repository and complete any terminal/cmd-related tasks in the labs.
10. For all labs requiring 4th Generation Intel® Xeon® Scalable Processor VMs, you will be expected to download and install conda-forge via <https://conda-forge.org/download/>
11. The previous step is unnecessary when working with the Jupyter Lab functionality under “Learning.”
12. To conserve your compute credits, we recommend shutting down instances after completing labs if you intend to take a break from the course for more than 1 – 2 days.
13. To configure your development environment, navigate to the “Development Environment Set Up for MLOps Professional” part of the “Getting Started with the MLOps Professional Training Package” module and follow the video instructions.