

Laptop requirement for AI Singapore's AI Data Apprenticeship Programme

As you are required to use your own laptop for the AI Data Apprenticeship Programme (AIDP), we recommend that your laptop meets the minimum requirements as listed below:

- Recent (the last 5 years) x86-based hardware with either Intel or AMD processor.
- 64-bit Operating System. This can be Windows (Windows 7 and above), Linux or Mac OS X.
- A minimum of 8GB of memory.
- A minimum of 128GB of hard disk space available.

For the software stack, we recommend that you install the following:

1. Docker

- If you are running Mac OS X, please follow the official instructions from Docker (<https://docs.docker.com/docker-for-mac/install/>).
- If you are running Linux, please follow the official instructions from Docker (<https://docs.docker.com/install/linux/docker-ce/ubuntu/>).
- If you are running Windows 10 Pro, you can install the official Docker for Desktop from the website (<https://docs.docker.com/docker-for-windows/install/>).
- If you are running a Windows OS other than Windows 10 Pro, we strongly recommend you install VirtualBox and install Linux as a guest Virtual Machine for your Docker needs. You can download the VirtualBox here: <https://www.virtualbox.org/wiki/Downloads/>.

2. Python

- Install the latest Anaconda Distribution with Python version 3 (<https://www.anaconda.com/distribution/>).
- please refer to the following link: <https://help.github.com/articles/set-up-git/>

3. SSH

- If you are running Mac OS X or Linux, this should already be available on your system.
- If you are running Windows, follow the same instructions for Docker in step 1 and SSH will be available as part of the Docker installation or via a Linux Virtual Machine.

4. A text editor or IDE

- We recommend Visual Studio Code (<https://code.visualstudio.com/>) or if you prefer, any others such as Vim/Emacs, PyCharm (CE), etc.