Exercise 1
Introducing Python

Exercise data

Exercise 1 does not require any data to be downloaded.

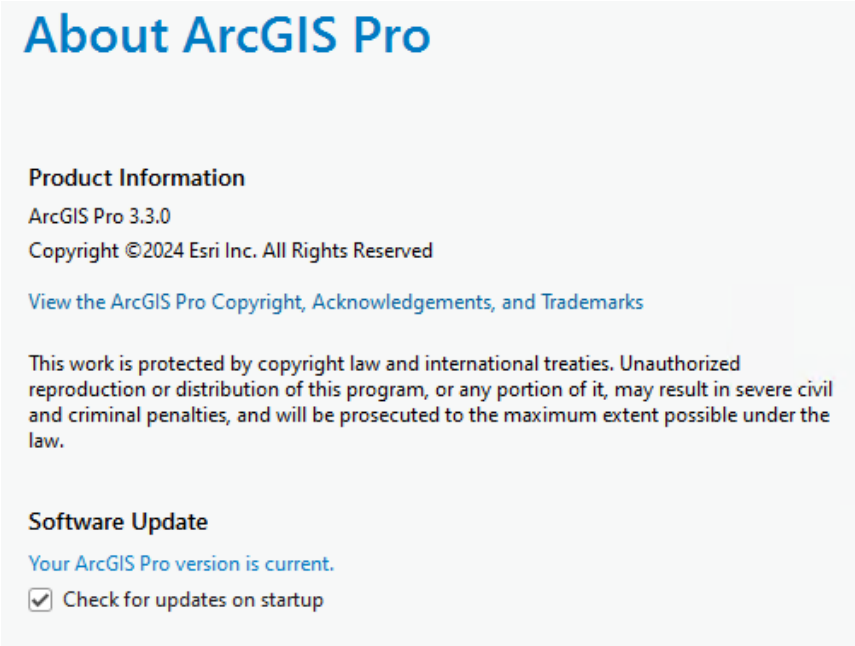
Check software versions and licensing

You will determine the version of the ArcGIS Pro software installed on your computer and confirm the licensing.

1. **Start ArcGIS® Pro. You can open any of your existing projects or start with a blank template—for these steps, it makes no difference.**

2. **On the Project tab, click About.**

This brings up the product information and looks like the figure below.

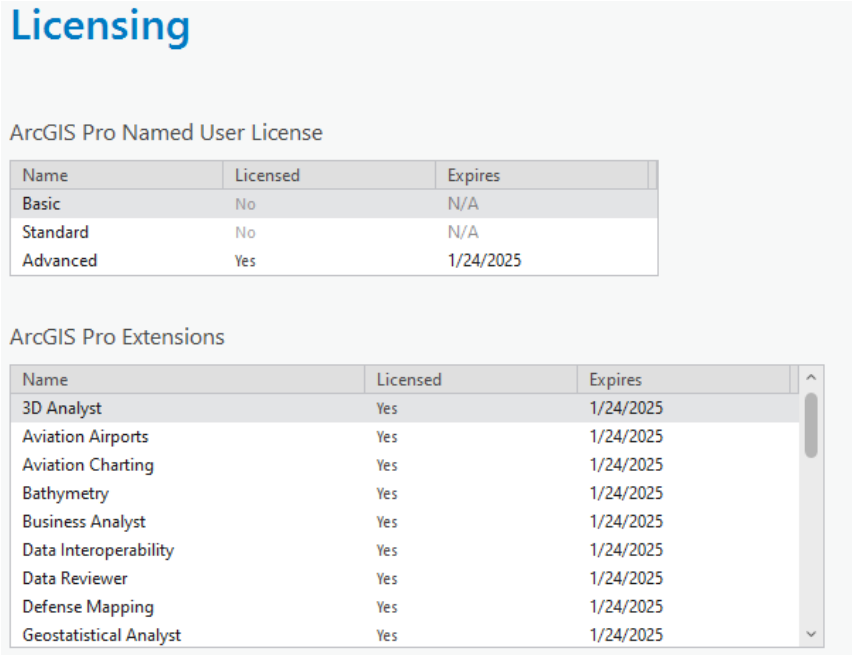


Take note of the version of ArcGIS Pro. The code in the Python Scripting for ArcGIS Pro book is developed and tested for ArcGIS Pro 3.2 and the accompanying exercises are tested for ArcGIS Pro 3.3. Most of the code will work for earlier versions of ArcGIS Pro 3.3, but some functionality may be slightly different, and you are encouraged to upgrade to ArcGIS Pro 3.3 if you have not done so already. All code is expected to work in later versions of the software in the future. Much of the code will not work in any version of ArcGIS Desktop 10.x.

Next, you will look at licensing.

3. **On the Project tab, click Licensing.**

   This brings up the licensing information and looks like the figure below.

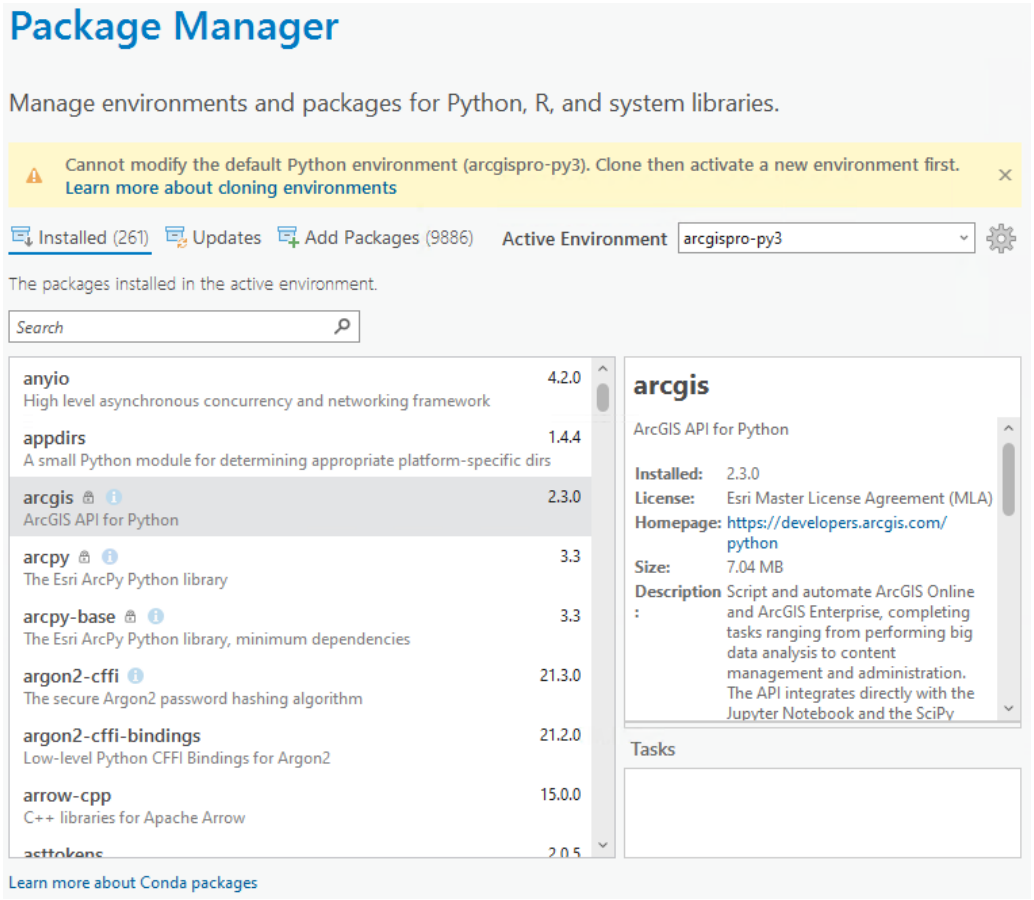


Take note of the type of licensing (e.g., Named User License), the product (e.g., Advanced), and the available extensions (e.g., 3D Analyst, Spatial Analyst, and others). The type of licensing and the product are not critical because the code in *Python Scripting for ArcGIS Pro* and the accompanying exercises work for any type or product. However, the code in exercise 8 works only if you have a license for Spatial Analyst. If you do not have a license for Spatial Analyst, you should contact your license administrator.

Next, you will check the Python environment.

4. **On the Project tab, click Package Manager.**

   This brings up the Package Manager and looks like the figure below.



By default, the active environment in ArcGIS Pro is arcgispro-py3. If you are using a different environment, you may need to switch back to the default to match exactly with the instructions in later exercises. Exercise 2 revisits how to manage environments.

End of exercise 1.