Ansible Is Python:

There are many programming and scripting languages in use in IT. In open source, the last few decades have seen the rise of the Python scripting language. Python has become the foundation of different solutions, such as Ansible and OpenStack. The reason is that Python is relatively easy to learn. The focus in Python is on readability of code, while at the same time Python makes it possible to do things in an easy way.

Ansible is written in Python, and most components that are used in Ansible are written in Python as well. The default Ansible version that is installed on Red Hat Enterprise Linux 7 is based on Python 2.7; the Ansible release that is used in RHEL 8 is based on Python 3.6. There is no direct relation between an Ansible version and a Python version. Recent versions of Ansible can call either Python 2.x or Python 3.x scripts, but Python 3.x is the better option nowadays because Python 2 is past its end of support life.

The fact that Ansible is written in Python makes it easier to integrate Ansible with custom scripts because Python is a very common and widely known scripting language. This doesn't mean you have to know Python to work with Ansible though. It's true that if you understand the workings of Python it's easier to explain specific behavior in Ansible, but it's perfectly possible to be an expert in Ansible without even knowing how to write a Hello World script in Python.

Imran Afzal
www.utclisolutions.com