**Solution 2**

**The 'illegal instruction' could be due to an recent change in the getauxval(AT\_HWCAP).**

An attempt to read cpuid information from /sys/devices in the event that getauxval did not succeed. (OpenBLAS PRs 2952 and 3004)

**export OPENBLAS\_CORETYPE=ARMV8** (or whatever the actual hardware is) before launching python should hopefully get around this. For example:

OPENBLAS\_CORETYPE=ARMV8 python

If you would like to make this export permanent, you should open your .bashrc file by typing on the terminal:

nano ~/.bashrc

Afterwards, just add "export OPENBLAS\_CORETYPE=ARMV8" to the bottom of your .bashrc file, save/exit and reboot your system:

export OPENBLAS\_CORETYPE=ARMV8