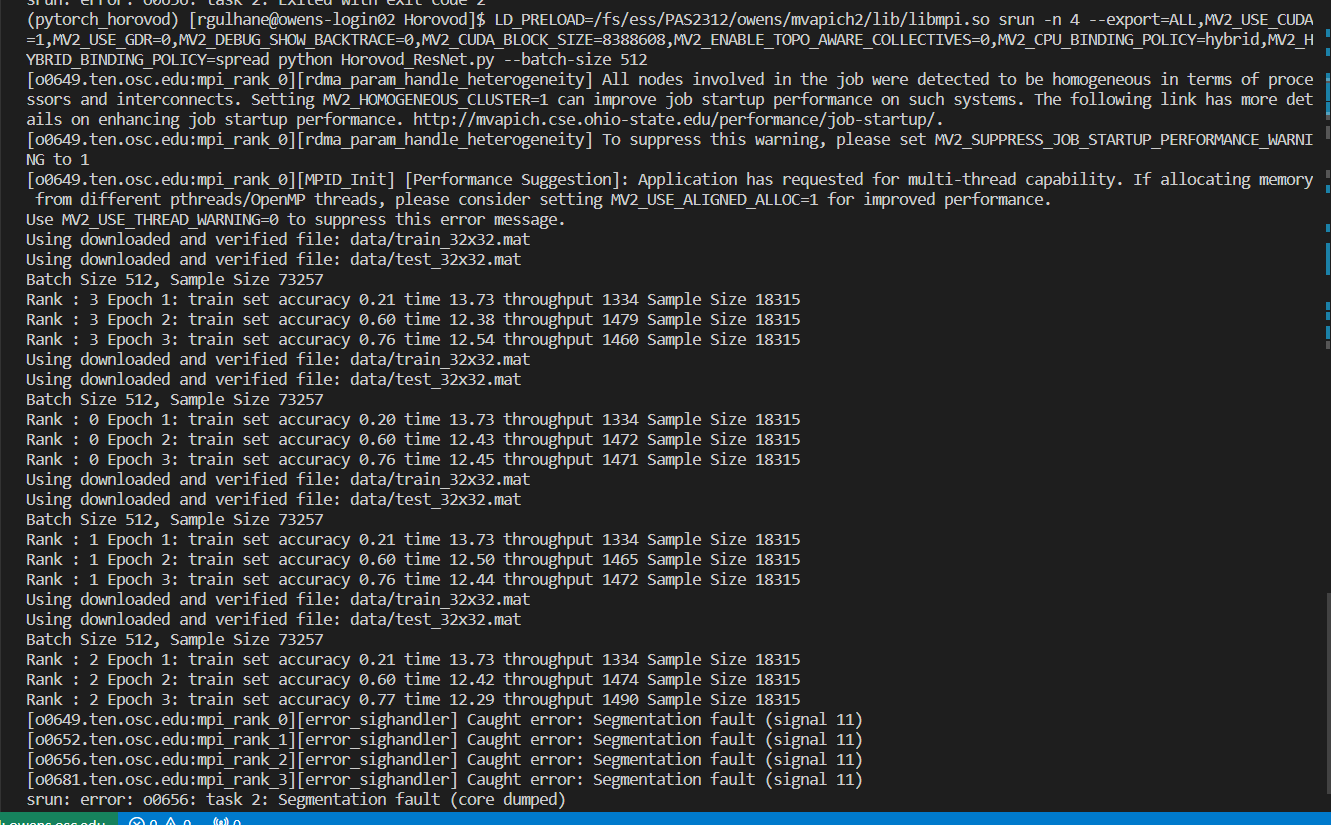
**HOROVOD:**

**4 node 512 batch size**



**4 node 128 batch size**

Graphical user interface, text

Description automatically generated

Text

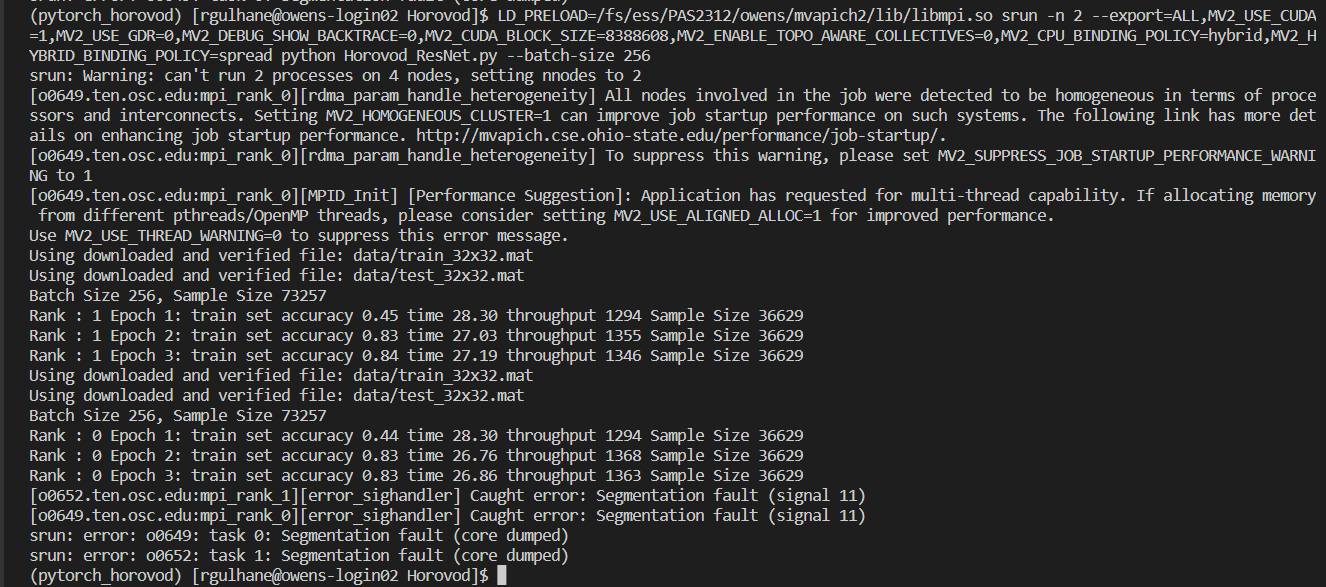
Description automatically generated

**2 node 512** **batch size**

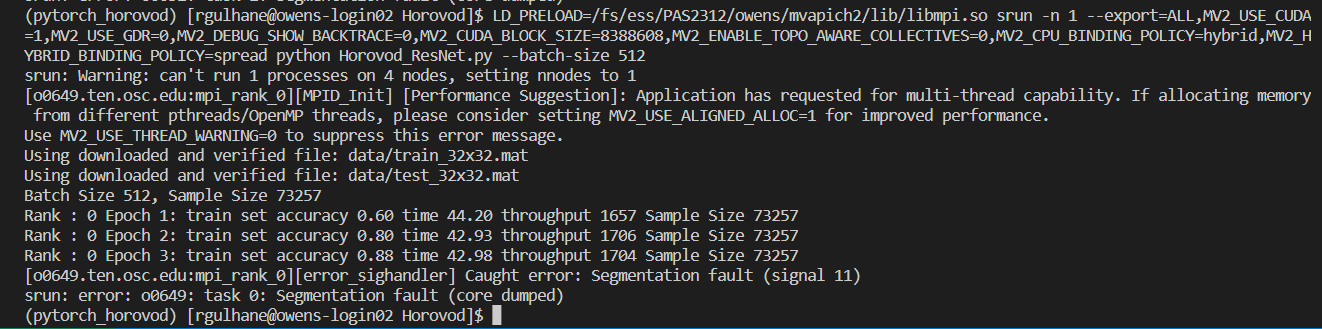
Graphical user interface

Description automatically generated

**2 node 256 batch size**

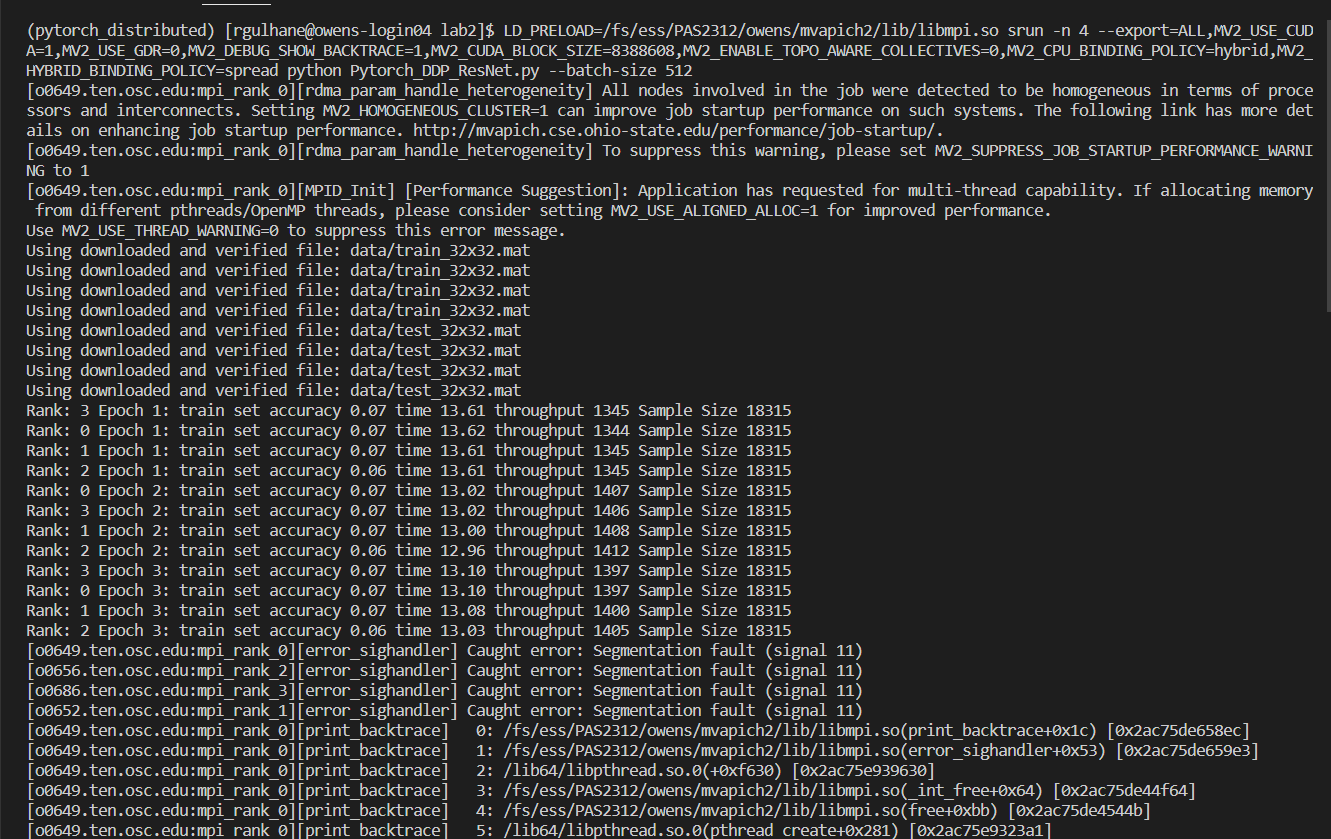


**1 node 512 batch size:**



**PYTOCH DDP:**

**4 node 512 batch size**



Text

Description automatically generated

**4 node 128 batch size**

Text

Description automatically generated

Text

Description automatically generated

**2 node 512 batch size**

Graphical user interface, text

Description automatically generated

**2 node 256** **batch size**

Graphical user interface, text

Description automatically generated

**1 node 512 batch size**

Graphical user interface

Description automatically generated