

Compass Analytics Desktop Review

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The CAD system seems like a much improved version of the Eureka VM I have used in the past. I primarily used the VM as a place to run Python scripts on large datasets. Here are some thoughts:

Internet Connection:

The internet gave me some hiccups to start because it was tough to know exactly when it was working vs. still setting up. I set 10-minute timers to be sure I was being patient enough but still had some issues there. When it finally connected it was good and I was able to install some Python packages. Perhaps if there was a clear indication of the internet trying to connect and a signal when it is connected could be useful.

Python:

The Pycharm application seemed to be working well and is a good tool to use to make edits to some code on the fly on the system. I installed “*virtualenv*” which is a python package used to create virtual environments for installing packages for projects and keep them separate from Global packages. I could create these via Pycharm but for myself to do so didn’t work and got the following message. Not a big deal at all honestly because of the Pycharm abilities I just wanted to mention that.

```
powers@app-1:~/ProjectJ$ python3 -m venv ./venv
The virtual environment was not created successfully because ensurepip is not
available. On Debian/Ubuntu systems, you need to install the python3-venv
package using the following command.

    apt install python3.8-venv

You may need to use sudo with that command. After installing the python3-venv
package, recreate your virtual environment.

Failing command: ['/home/powers/ProjectJ/venv/bin/python3', '-Im', 'ensurepip',
'--upgrade', '--default-pip']
```

Overall, the CAD system seems to much more responsive than the previous Eureka VM experience I had. This seems like a great product!