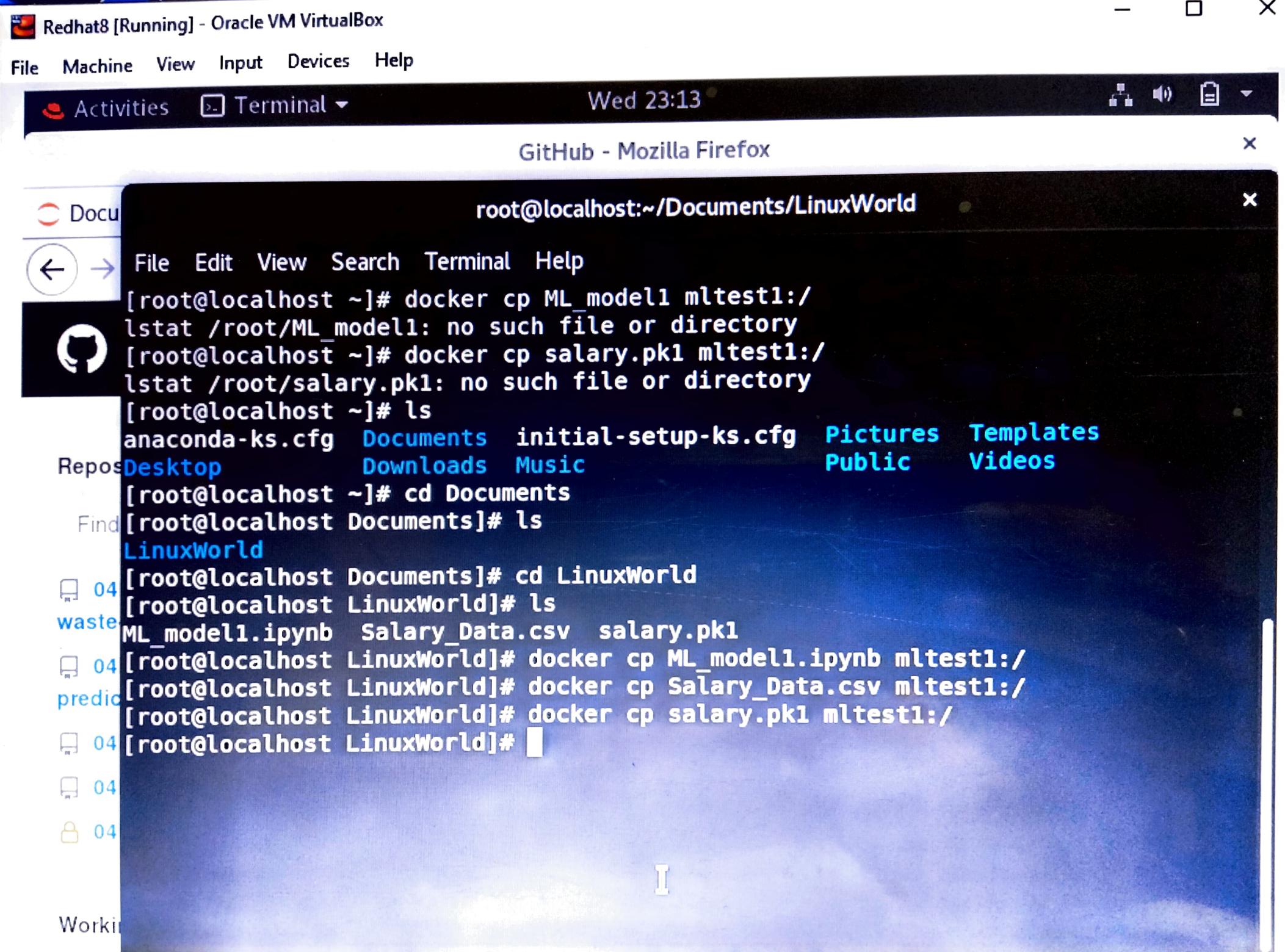


File Machine View Input Devices Help**Activities****Files** ▾

Wed 23:12

**< >****◀ ▶****Home****Documents****LinuxWorld****▶****Recent****Starred****Home****Documents****Downloads****Music****Pictures****Videos****Trash****RHEL-8-0-0-...** ↗**+ Other Locations****ML_model1.ipynb****salary.pk1****Salary_Data.csv**



File Edit View Search Terminal Help

[I 18:09:45.549 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).

[C 18:09:45.560 NotebookApp]

To access the notebook, open this file in a browser:

file:///root/.local/share/jupyter/runtime/nbsrvr-15454-open.html

Or copy and paste one of these URLs:

<http://localhost:8888/?token=e4c66d57af1bdf56db839d458952e3416fa83c222ec>

6b772

or <http://127.0.0.1:8888/?token=e4c66d57af1bdf56db839d458952e3416fa83c222ec>

6b772

[^C [I 18:13:48.257 NotebookApp] interrupted

Serving notebooks from local directory: /root

0 active kernels

Jupyter Notebook 6.4.0 is running at:

<http://localhost:8888/?token=e4c66d57af1bdf56db839d458952e3416fa83c222ec6b772>

or <http://127.0.0.1:8888/?token=e4c66d57af1bdf56db839d458952e3416fa83c222ec6b77>

2

Shutdown this notebook server (y/[n])? y

[C 18:13:50.268 NotebookApp] Shutdown confirmed

[I 18:13:50.269 NotebookApp] Shutting down 0 kernels

[I 18:13:50.269 NotebookApp] Shutting down 0 terminals

[root@localhost ~]# clear

V

GitHub - Mozilla Firefox

Setup or update your profile

@a1084003b455:/

x

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Collecting pandas

 Downloading https://files.pythonhosted.org/packages/c3/e2/00cacecafbab071c787019f00ad84ca3185952f6bb9bca9550ed83870d4d/pandas-1.1.5-cp36-cp36m-manylinux1_x86_64.whl (9.5MB)

 100% |██████████| 9.5MB 137kB/s

Requirement already satisfied: pytz>=2017.2 in /usr/lib/python3.6/site-packages
(from pandas)

Collecting python-dateutil>=2.7.3 (from pandas)

 Downloading https://files.pythonhosted.org/packages/d4/70/d60450c3dd48ef87586924207ae8907090de0b306af2bce5d134d78615cb/python_dateutil-2.8.1-py2.py3-none-any.whl (227kB)

 100% |██████████| 235kB 903kB/s

Collecting numpy>=1.15.4 (from pandas)

 Downloading https://files.pythonhosted.org/packages/45/b2/6c7545bb7a38754d63048c7696804a0d947328125d81bf12beaa692c3ae3/numpy-1.19.5-cp36-cp36m-manylinux1_x86_64.whl (13.4MB)

 100% |██████████| 13.4MB 85kB/s

Requirement already satisfied: six>=1.5 in /usr/lib/python3.6/site-packages (from python-dateutil>=2.7.3->pandas)

Installing collected packages: python-dateutil, numpy, pandas

Successfully installed numpy-1.19.5 pandas-1.1.5 python-dateutil-2.8.1

[root@localhost ~]# pip3 install numpy

WARNING: Running pip install with root privileges is generally not a good idea.

Try `pip3 install --user` instead.

GitHub is built for collaboration.

Set up an organization today.

GitHub - Mozilla/Firefox

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File Edit View Search Terminal Help

Try `pip3 install --user` instead.

Collecting sklearn

↳ Downloading https://files.pythonhosted.org/packages/1e/7a/dbb3be0ce9bd5c8b7e3d87328e79063f8b263b2b1bfa4774cb1147bfcd3f/scikit-learn-0.0.tar.gz

Collecting scikit-learn (from sklearn)

↳ Downloading https://files.pythonhosted.org/packages/f5/ef/bcd79e8d59250d6e8478eb1290dc6e05be42b3be8a86e3954146adbc171a/scikit_learn-0.24.2-cp36-cp36m-manylinux1_x86_64.whl (20.0MB)

100% |██████████| 20.0MB 71kB/s

Requirement already satisfied: numpy>=1.13.3 in /usr/local/lib64/python3.6/site-packages (from scikit-learn->sklearn)

Collecting threadpoolctl>=2.0.0 (from scikit-learn->sklearn)

↳ Downloading https://files.pythonhosted.org/packages/f7/12/ec3f2e203afa394a149911729357aa48afffc59c20e2c1c8297a60f33f133/threadpoolctl-2.1.0-py3-none-any.whl

Collecting joblib>=0.11 (from scikit-learn->sklearn)

↳ Downloading https://files.pythonhosted.org/packages/55/85/70c6602b078bd9e6f3da4f467047e906525c355a4dacd4f71b97a35d9897/joblib-1.0.1-py3-none-any.whl (303kB)

100% |██████████| 307kB 1.9MB/s

Collecting scipy>=0.19.1 (from scikit-learn->sklearn)

Crash Annotation GraphicsCriticalError: [[0][GFX1-]: Unrecognized feature WEBRENDER (t=521.88) [GFX1-]: Unrecognized feature WEBRENDER

↳ Downloading https://files.pythonhosted.org/packages/c8/89/63171228d5ced148f5ced50305c89e8576ffc695a90b58fe5bb602b910c2/scipy-1.5.4-cp36-cp36m-manylinux1_x86_64.whl (25.9MB)

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File Edit View Search Terminal Help

```
Running setup.py install for sklearn ... done
Successfully installed joblib-1.0.1 scikit-learn-0.24.2 scipy-1.5.4 sklearn-0.0
threadpoolctl-2.1.0
[root@localhost ~]# pip3 install joblib
WARNING: Running pip install with root privileges is generally not a good idea.
Try `pip3 install --user` instead.
Requirement already satisfied: joblib in /usr/local/lib/python3.6/site-packages
[root@localhost ~]# docker pull centos:latest
latest: Pulling from library/centos
7a0437f04f83: Pull complete
Digest: sha256:5528e8b1b1719d34604c87e11dcd1c0a20bedf46e83b5632cdeac91b8c04efc1
Status: Downloaded newer image for centos:latest
docker.io/library/centos:latest
[root@localhost ~]# docker run -it --name mltest1 centos:latest
[root@a1084003b455 /]# python3
bash: python3: command not found
[root@a1084003b455 /]# python
bash: python: command not found
[root@a1084003b455 /]# yum install pyhton3
Failed to set locale, defaulting to C.UTF-8
CentOS Linux 8 - AppStream                                0.0 B/s |  0 B    01:00
Errors during downloading metadata for repository 'appstream':
 - Curl error (6): Couldn't resolve host name for http://mirrorlist.centos.org/
?release=8&arch=x86_64&repo=AppStream&infra=container [Could not resolve host: m
```

File Edit View Search Terminal Help

Complete!

```
[root@localhost ~]# systemctl start docker
[root@localhost ~]# docker --version
Docker version 20.10.6, build 370c289
[root@localhost ~]# docker pull centos:latest
latest: Pulling from library/centos
Digest: sha256:5528e8b1b1719d34604c87e11dcd1c0a20bedf46e83b5632cdeac91b8c04efc1
Status: Image is up to date for centos:latest
docker.io/library/centos:latest
[root@localhost ~]# docker ps -a
CONTAINER ID        IMAGE               COMMAND             CREATED            STATUS              PORTS
NAMES
a1084003b455        centos:latest      "/bin/bash"        3 hours ago       Exited (127) 9 minutes
s ago
mltest1
b91de4151d47        ubuntu:14.04       "/bin/bash"        3 hours ago       Exited (130) 3 hours
ago
brave_lalande
[root@localhost ~]# docker start mltest1
mltest1
[root@localhost ~]# docker attach mltest1
[root@a1084003b455 /]# yum install python3
Failed to set locale, defaulting to C.UTF-8
CentOS Linux 8 - AppStream          0.0 B/s |   0 B    01:00
Errors during downloading metadata for repository 'appstream':
```

@a1084003b455:/

X

File Edit View Search Terminal Help

```
Error: Failed to download metadata for repo 'appstream': Cannot prepare internal  
mirrorlist: Curl error (6): Couldn't resolve host name for http://mirrorlist.ce  
ntos.org/?release=8&arch=x86_64&repo=AppStream&infra=container [Could not resolv  
e host: mirrorlist.centos.org]
```

```
[root@a1084003b455 /]# exit
```

```
exit
```

```
[root@localhost ~]# docker attach mltest1
```

```
You cannot attach to a stopped container, start it first
```

```
[root@localhost ~]# docker start mltest1
```

```
mltest1
```

```
[root@localhost ~]# docker attach mltest1
```

```
[root@a1084003b455 /]# yum repolist
```

```
Failed to set locale, defaulting to C.UTF-8
```

```
repo id
```

```
appstream
```

```
baseos
```

```
extras
```

```
[root@a1084003b455 /]# cd /etc/yum.repos.d/
```

```
[root@a1084003b455 yum.repos.d]# ls
```

```
CentOS-Linux-AppStream.repo
```

```
CentOS-Linux-BaseOS.repo
```

```
CentOS-Linux-ContinuousRelease.repo
```

```
CentOS-Linux-Debuginfo.repo
```

```
CentOS-Linux-Devel.repo
```

```
CentOS-Linux-FastTrack.repo
```

```
CentOS-Linux-HighAvailability.repo
```

```
CentOS-Linux-Media.repo
```

```
CentOS-Linux-Plus.repo
```

```
CentOS-Linux-PowerTools.repo
```

File Edit View Search Terminal Help

CentOS-Linux-Extras.repo

CentOS-Linux-Sources.repo

```
[root@a1084003b455 yum.repos.d]# exit
```

```
exit
```

```
[root@localhost ~]# firewall-cmd --zone=public --add-masquerade --permanent  
success
```

```
[root@localhost ~]# firewall-cmd --zone=public --add-port=80/tcp  
success
```

```
[root@localhost ~]# firewall-cmd --zone=public --add-port=443/tcp  
success
```

```
[root@localhost ~]# firewall-cmd --reload  
success
```

```
[root@localhost ~]# systemctl restart docker
```

```
[root@localhost ~]# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS
POR	NAMES			
a1084003b455	centos:latest	"/bin/bash"	3 hours ago	Exited (0) 3 minutes
ago	mltest1			
b91de4151d47	ubuntu:14.04	"/bin/bash"	3 hours ago	Exited (130) 3 hours
ago	brave_lalande			

```
[root@localhost ~]# docker start mltest1
```

```
mltest1
```

```
[root@localhost ~]# docker attach mltest1
```

```
[root@a1084003b455 /]# yum install python3
```

```
Failed to set locale, defaulting to C.UTF-8
```

File Edit View Search Terminal Help

```
[root@a1084003b455 /]# python3
Python 3.6.8 (default, Aug 24 2020, 17:57:11)
[GCC 8.3.1 20191121 (Red Hat 8.3.1-5)] on linux
Type "help", "copyright", "credits" or "license" for more information.
```

```
>>> 5+4
```

```
9
```

```
>>> exit()
```

```
[root@a1084003b455 /]# ls
```

```
ML_modell.ipynb dev lib media proc salary.pk1 sys var
Salary_Data.csv etc lib64 mnt root sbin tmp
bin home lost+found opt run srv usr
```

```
[root@a1084003b455 /]# vi salary.pk1
```

```
[root@a1084003b455 /]# pip3 install joblib
```

WARNING: Running pip install with root privileges is generally not a good idea.
Try `pip3 install --user` instead.

```
Collecting joblib
```

 Downloading https://files.pythonhosted.org/packages/55/85/70c6602b078bd9e6f3d
4f467047e906525c355a4dacd4f71b97a35d9897/joblib-1.0.1-py3-none-any.whl (303kB)

 100% |

 | 307kB 1.5MB/s

```
Installing collected packages: joblib
```

```
Successfully installed joblib-1.0.1
```

```
[root@a1084003b455 /]# vi modell.py
```

```
[root@a1084003b455 /]# modell.py
```

```
bash: modell.py: command not found
```

Activities

Terminal ▾

Wed 23:18

GitHub - Mozilla Firefox

root@localhost:~/Documents/LinuxWorld

File Edit View Search Terminal Help

KeyError: '07e146d3-2632-4cd1-bb3e-a5de2263396d'

[root@localhost ~]# clear

```
[root@localhost ~]# docker cp ML_model1 mltest1:/  
lstat /root/ML_model1: no such file or directory  
[root@localhost ~]# docker cp salary.pk1 mltest1:/  
lstat /root/salary.pk1: no such file or directory  
[root@localhost ~]# ls  
anaconda-ks.cfg  Documents  initial-setup-ks.cfg  Pictures  Templates  
Desktop          Downloads  Music           Public    Videos  
[root@localhost ~]# cd Documents  
[root@localhost Documents]# ls  
LinuxWorld  
[root@localhost Documents]# cd LinuxWorld  
[root@localhost LinuxWorld]# ls  
ML_model1.ipynb  Salary_Data.csv  salary.pk1  
[root@localhost LinuxWorld]# docker cp ML_model1.ipynb mltest1:/  
[root@localhost LinuxWorld]# docker cp Salary_Data.csv mltest1:/  
[root@localhost LinuxWorld]# docker cp salary.pk1 mltest1:/  
[root@localhost LinuxWorld]# █
```

@a1084003b455:/

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d50305c89e8576ffc695a90b58fe5bb602b910c2/scipy-1.5.4-cp36-cp36m-manylinux1_x86_64.whl (25.9MB)

100% |

25.9MB 48kB/s

Collecting numpy>=1.13.3 (from scikit-learn->sklearn)

 Downloading https://files.pythonhosted.org/packages/45/b2/6c7545bb7a38754d63048c7696804a0d947328125d81bf12beaa^92c3ae3/numpy-1.19.5-cp36-cp36m-manylinux1_x86_64.whl (13.4MB)

100% |

13.4MB 91kB/s

Installing collected packages: threadpoolctl, numpy, scipy, scikit-learn, sklearn

Running setup.py install for sklearn ... done

Successfully installed numpy-1.19.5 scikit-learn-0.24.2 scipy-1.5.4 sklearn-0.0
threadpoolctl-2.1.0

[root@a1084003b455 /]# python3 modell.py

[root@a1084003b455 /]# vi modell.py

[root@a1084003b455 /]# python3 modell.py

Traceback (most recent call last):

 File "modell.py", line 4, in <module>
 result=predict([[2.5]])

NameError: name 'predict' is not defined

[root@a1084003b455 /]# vi modell.py

[root@a1084003b455 /]# python3 modell.py

[49417.10600231]

[root@a1084003b455 /]#