| Optionals  Optional 1- Install Ubuntu in windows machine open below link. You can skip this if you already have Ubuntu installed.  https://theholmesoffice.com/installing-ubuntu-in-vmware-player-on-windows/  **Open the Ubuntu in VM and start-**  Optional 2 - Follow below link to make password less sudo  https://www.techiediaries.com/ubuntu/sudo-without-password-ubuntu-20-04/ |
| --- |

1. Download the tar from given link

https://github.com/imrankhan88/Dataengineering\_bootcamp\_docs/blob/main/installs.tar.xz

Copy this tar to your /home/$USER directory

| cp ~/Downloads/installs.tar.xz . |
| --- |

**OR**

run from console in your home dir

wget https://github.com/imrankhan88/Dataengineering\_bootcamp\_docs/blob/main/installs.tar.xz

2. run tar command from console

| tar -xvf installs.tar.xz |
| --- |

3. Open .bashrc and add below line at the end

| nano .bashrc |
| --- |

add below line in .bashrc

| source ~/installs/setenv.sh |
| --- |

| control +s  control +x |
| --- |

4. Add host entry in /etc/hosts

| sudo nano /etc/hosts |
| --- |

Add below entry on hosts file

| 127.0.0.1 osboxes |
| --- |

Save and close

| control +s  control +x |
| --- |

5. Execute below commands

| chmod +x ~/installs/initHadoopSetUp.sh |
| --- |

| ./installs/initHadoopSetUp.sh |
| --- |

| ./installs/installHadoop.sh |
| --- |

Below are the commands to start and stop hadoop in

| cd $HOME/installs |
| --- |

Stop Hadoop

| ./stopHadoop.sh |
| --- |

Start Hadoop

| ./installs/startHadoop.sh |
| --- |

Restart hadoop

| ./installs/restartHadoop.sh |
| --- |

UI

<http://localhost:9870/>

http://localhost:8088/cluster