Commands

```
# to check the version of python
python --version


# to create a virtual environment in python
python -m venv demo


# to show the list of installed libraries
pip list


# to link the virtual envrionment to the jupyter notebook kernel
python -m ipykernel install --user --name demo --display-name "Python(demo)"


# install MLFlow library
pip install mlflow

# to view MLFlow
mlflow ui
```

Commands to execute in the remote server

```
# to update the server, python and virtual environment library
sudo apt update
sudo apt install python3-pip
sudo apt install python3-virtualenv


# to create the virtual environment
virtualenv env1


# go to the bin folder in the newly created virtual environment
cd env1/bin
```

```
# activate the virtual environment
source activate


# install MLFlow library
pip install mlflow


# to start the server
mlflow server -h 0.0.0.0 --port 5000

# access MLFlow Dashboard from browser like http://52.66.249.247:5000


# use this server for experiment tracking in the code (sample)
mlflow.set_tracking_uri("http://52.66.249.247:5000")
exp = mlflow.set_experiment("demo1")
```