

## Creating a Virtual Environment on Windows

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### Steps:

1. Create folder
2. Shift key + Right click -> Open PowerShell window
3. python
4. exit()
5. pip
6. pip install virtualenv
7. virtualenv har
8. .\har\Scripts\activate  
If facing a problem creating a virtual environment then open cmd in admin mode and enter: set-executionpolicy remotesigned
9. pip install scikit-learn
10. pip freeze > requirements.txt
11. pip install -r requirements.txt
12. deactivate
13. python
14. Import sklearn
15. exit()

### Miscellaneous:

1. streamlit run main.py / py -m streamlit run main.py

## Saving ML model using pickle library

### Steps:

1. import pickle
2. filename = "weight\_prediction"
3. pickle.dump(model, open(filename, 'wb'))
4. loaded\_model = pickle.load(open(filename, 'rb'))
5. loaded\_model.predict(x\_test) / loaded\_model.predict([[5.6]])

## Running Python in VS code

1. python filename.py