

## Setup in Windows

===== python

open a terminal and setup virtual environments in the Documents folder

```
cd C:\Users\accountname\Documents
```

```
--- tools env
```

```
py -m venv env_tools_39
env_tools_39\Scripts\activate
pip install --upgrade pip
pip install jupyter
deactivate
```

```
--- tools ds
```

```
py -m venv env_ds_39
env_ds_39\Scripts\activate
pip install --upgrade pip
pip install ipykernel
python -m ipykernel install --name env_ds_39 --display-name "env_ds_39"
deactivate
```

```
--- add env_tools_39 to PATH
```

```
%USERPROFILE%\Documents\env_tools_39\Scripts\
```

===== R

Make sure that %USERPROFILE%\Documents\env\_tools\_39\Scripts\ is already added to your PATH during python setup

in R (not in RStudio)

```
install.packages("IRkernel")
IRkernel::installspec()
```