

Setup in MacOS

===== python

open a terminal and setup virtual environments in the Documents folder

```
cd /Users/accountname/Documents
```

```
--- tools env
```

```
python3 -m venv env_tools_39
source env_tools_39/bin/activate
pip install --upgrade pip
pip install jupyter
deactivate
```

```
--- tools ds
```

```
python3 -m venv env_ds_39
source env_ds_39/bin/activate
pip install --upgrade pip
pip install ipykernel
sudo python -m ipykernel install --name env_ds_39 --display-name "env_ds_39"
deactivate
```

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

```
PATH="/Users/accountname/Documents/env_tools_39/bin:${PATH}"
export PATH
```

===== R

Make sure that /Users/accountname/Documents/env_tools_39/bin is already added to your PATH during python setup

in R (not in RStudio)

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