

# PS5841-Data Science in Insurance (Y. Wang)

## Windows Setup



python  
for  
windows

## Install Python 3.10.7 (64-bit)

Select Install Now to install Python with default settings, or choose Customize to enable or disable features.

→ Install Now

C:\Users\T\AppData\Local\Programs\Python\Python310

Includes IDLE, pip and documentation  
Creates shortcuts and file associations

→ Customize installation

Choose location and features

☐ Install launcher for all users (recommended)

☐ Add Python 3.10 to PATH

Cancel

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Today (1)

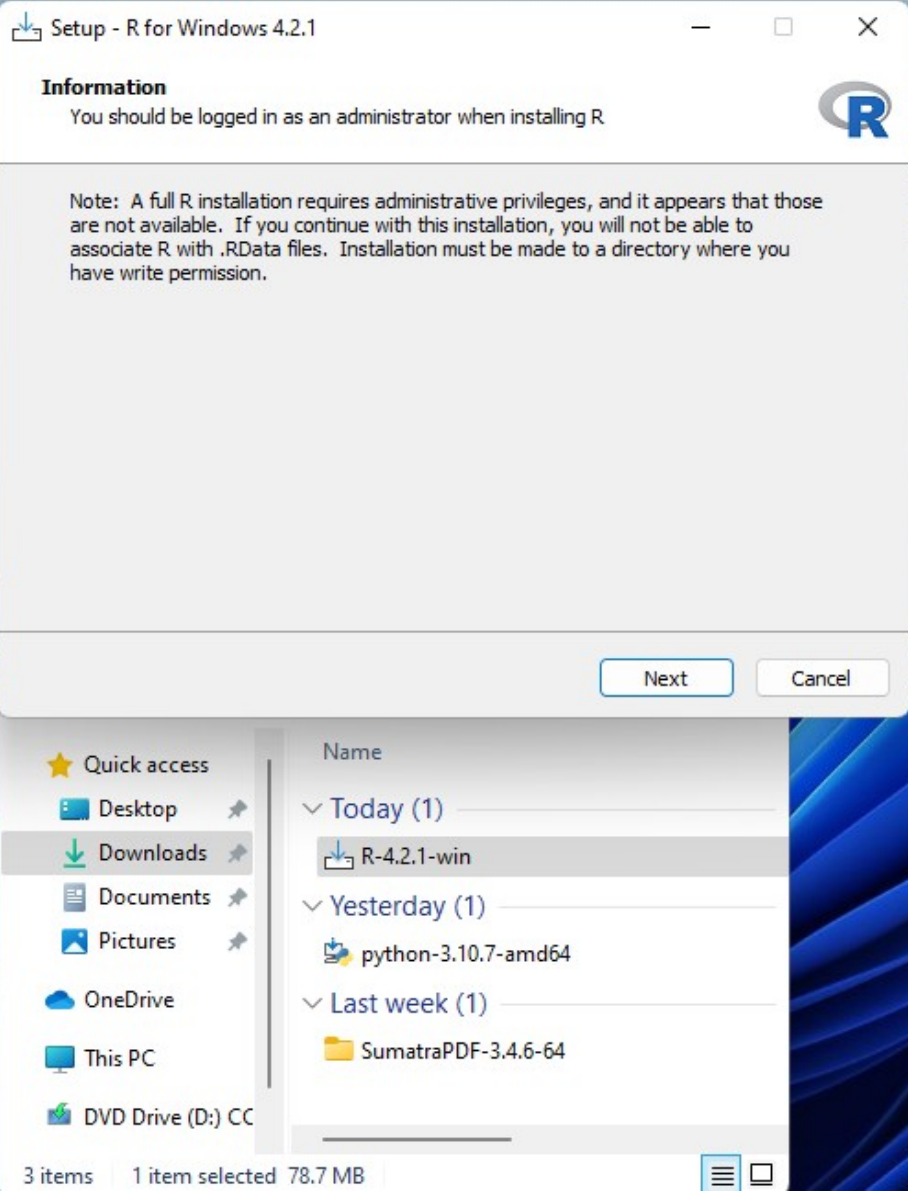
R-4.2.1-win

Yesterday (1)

python-3.10.7-amd64

Last week (1)

SumatraPDF-3.4.6-64



Command Prompt

```
C:\Users\T>cd %USERPROFILE%\Documents
```

```
C:\Users\T\Documents>py -m venv env_tools_310
```

```
C:\Users\T\Documents>env_tools_310\Scripts\activate
```

```
(env_tools_310) C:\Users\T\Documents>pip install --upgrade pip
```

```
Requirement already satisfied: pip in c:\users\t\documents\env_tools_310\lib\site-packages (22.2.2)
```

```
(env_tools_310) C:\Users\T\Documents>pip install jupyter
```

----- 179.1/179.1 kB 1.5 MB/s eta 0:00:00

Collecting pure-eval

Downloading pure\_eval-0.2.2-py3-none-any.whl (11 kB)

Collecting executing

Downloading executing-1.0.0-py2.py3-none-any.whl (16 kB)

Collecting asttokens

Downloading asttokens-2.0.8-py2.py3-none-any.whl (23 kB)

Collecting pycparser

Downloading pycparser-2.21-py2.py3-none-any.whl (118 kB)

----- 118.7/118.7 kB 1.7 MB/s eta 0:00:00

Installing collected packages: webencodings, wcwidth, Send2Trash, pywin32, pure-eval, pickleshare, mistune, ipython-genutils, fastjsonschema, executing, backcall, widgetsnbextension, traitlets, tornado, tinycss2, soupsieve, six, pyzmq, pywinpty, pyparsing, pygments, pycparser, psutil, prompt-toolkit, prometheus-client, parso, pandocfilters, nest-asyncio, markupsafe, lxml, jupyterlab-widgets, jupyterlab-pygments, entrypoints, defusedxml, decorator, debugpy, colorama, attrs, terminado, python-dateutil, packaging, matplotlib-inline, jupyter-core, jsonschema, jinja2, jedi, cffi, bleach, beautifulsoup4, asttokens, stack-data, qtpy, nbformat, jupyter-client, argon2-cffi-bindings, nbclient, ipython, argon2-cffi, nbconvert, ipykernel, qtconsole, notebook, jupyter-console, ipywidgets, jupyter

Successfully installed Send2Trash-1.8.0 argon2-cffi-21.3.0 argon2-cffi-bindings-21.2.0 asttokens-2.0.8 attrs-22.1.0 backcall-0.2.0 beautifulsoup4-4.11.1 bleach-5.0.1 cffi-1.15.1 colorama-0.4.5 debugpy-1.6.3 decorator-5.1.1 defusedxml-0.7.1 entrypoints-0.4 executing-1.0.0 fastjsonschema-2.16.1 ipykernel-6.15.2 ipython-8.5.0 ipython-genutils-0.2.0 ipywidgets-8.0.2 jedi-0.18.1 jinja2-3.1.2 jsonschema-4.15.0 jupyter-1.0.0 jupyter-client-7.3.5 jupyter-console-6.4.4 jupyter-core-4.11.1 jupyterlab-pygments-0.2.2 jupyterlab-widgets-3.0.3 lxml-4.9.1 markupsafe-2.1.1 matplotlib-inline-0.1.6 mistune-2.0.4 nbclient-0.6.7 nbconvert-7.0.0 nbformat-5.4.0 nest-asyncio-1.5.5 notebook-6.4.12 packaging-21.3 pandocfilters-1.5.0 parso-0.8.3 pickleshare-0.7.5 prometheus-client-0.14.1 prompt-toolkit-3.0.31 psutil-5.9.2 pure-eval-0.2.2 pycparser-2.21 pygments-2.13.0 pyparsing-3.0.9 pyparsing-3.0.9 pyrsistent-0.18.1 python-dateutil-2.8.2 pywin32-304 pywinpty-2.0.7 pyzmq-23.2.1 qtconsole-5.3.2 qtpy-2.2.0 six-1.16.0 soupsieve-2.3.2.post1 stack-data-0.5.0 terminado-0.15.0 tinycss2-1.1.1 tornado-6.2 traitlets-5.3.0 wcwidth-0.2.5 webencodings-0.5.1 widgetsnbextension-4.0.3

(env\_tools\_310) C:\Users\T\Documents>deactivate

C:\Users\T\Documents>

Command Prompt

```
C:\Users\T\Documents>cd %USERPROFILE%\Documents
```

```
C:\Users\T\Documents>py -m venv env_ds_310
```

```
C:\Users\T\Documents>env_ds_310\Scripts\activate
```

```
(env_ds_310) C:\Users\T\Documents>pip install --upgrade pip
```

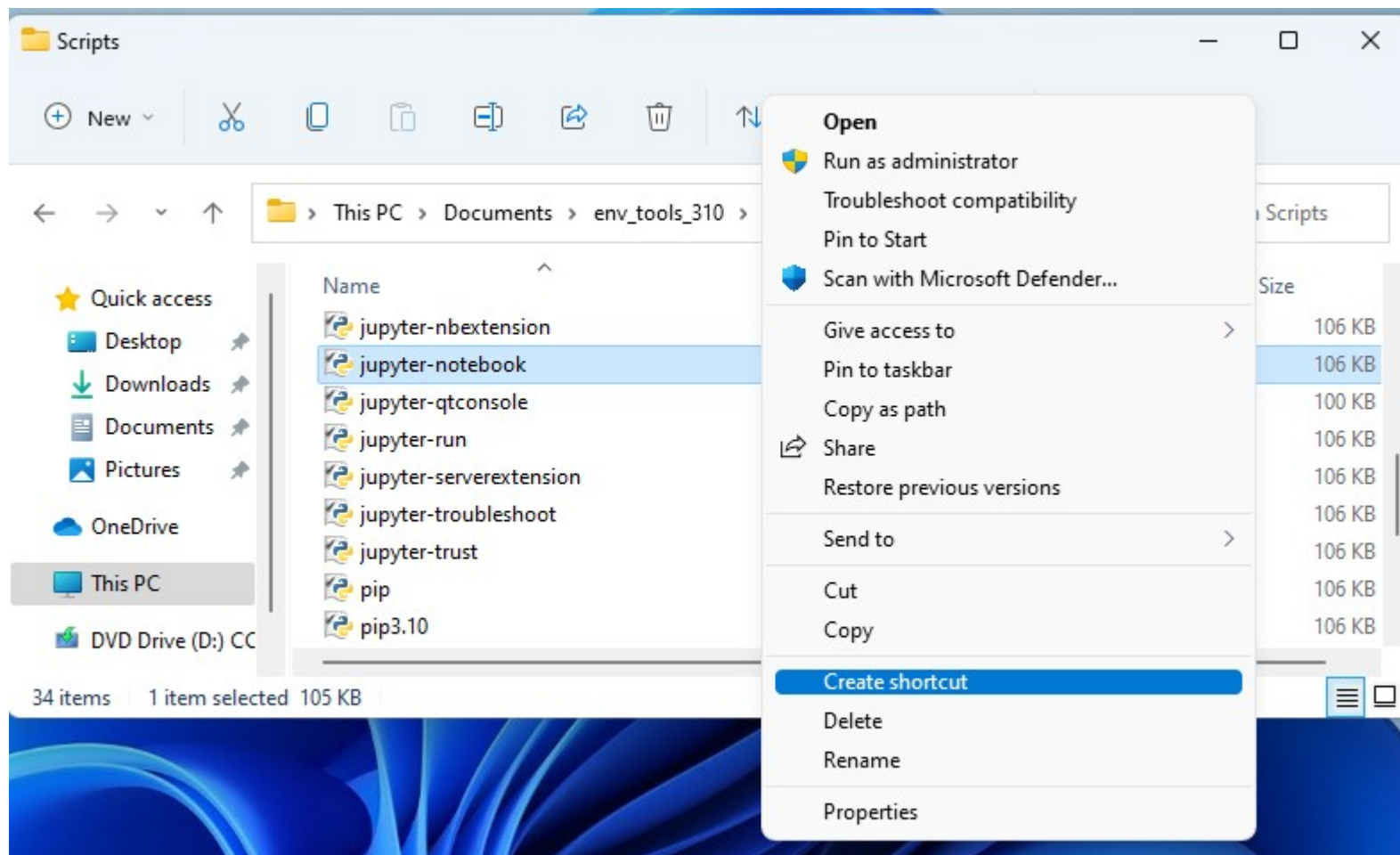
```
Requirement already satisfied: pip in c:\users\t\documents\env_ds_310\lib\site-packages (22.2.2)
```

```
(env_ds_310) C:\Users\T\Documents>pip install ipykernel_
```

CA. Command Prompt

```
(env_ds_310) C:\Users\T\Documents>python -m ipykernel install --name env_ds_310 --display-name "env_ds_310"  
Installed kernelspec env_ds_310 in C:\ProgramData\jupyter\kernels\env_ds_310
```

```
(env_ds_310) C:\Users\T\Documents>deactivate  
C:\Users\T\Documents>_
```







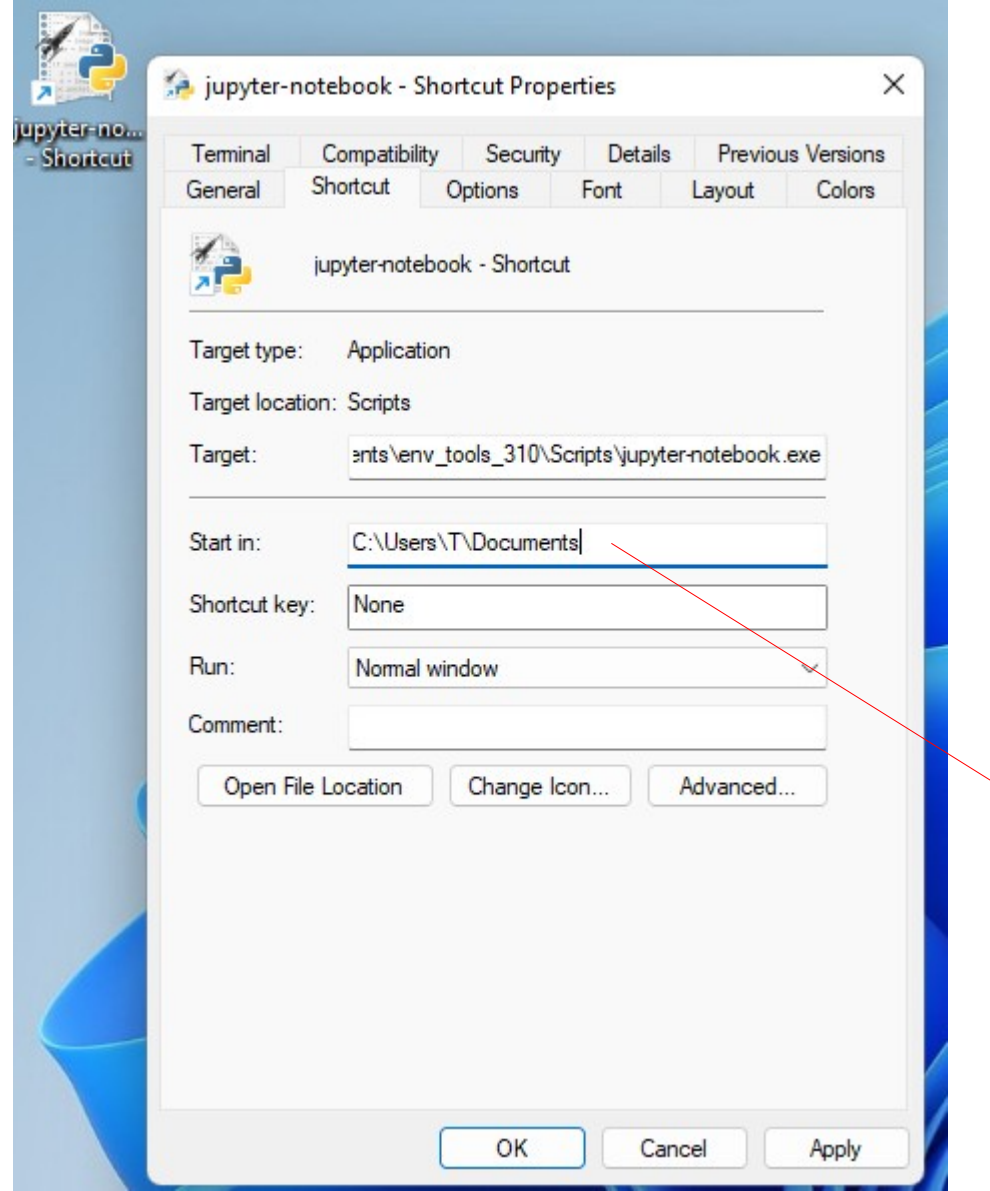
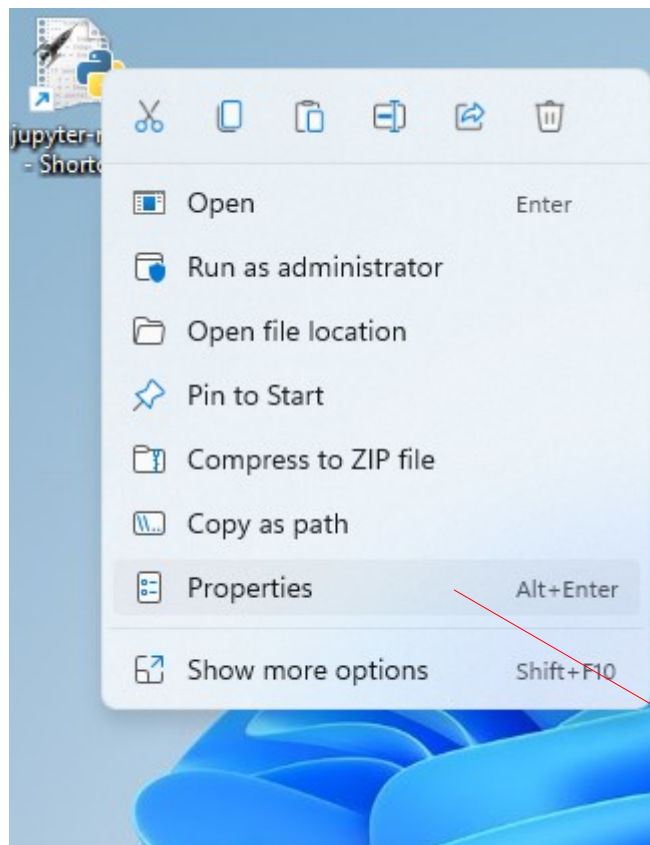
Scripts

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Name	Date modified	Type	Size
jupyter-nbextension	9/7/2022 11:58 AM	Application	106 KB
jupyter-notebook - Shortcut	9/7/2022 12:06 PM	Shortcut	1 KB
jupyter-notebook	9/7/2022 11:58 AM	Application	106 KB
jupyter-qtconsole	9/7/2022 11:58 AM	Application	100 KB
jupyter-run	9/7/2022 11:58 AM	Application	106 KB
jupyter-serverextension	9/7/2022 11:58 AM	Application	106 KB
jupyter-troubleshoot	9/7/2022 11:58 AM	Application	106 KB
jupyter-trust	9/7/2022 11:58 AM	Application	106 KB
pip	9/7/2022 11:55 AM	Application	106 KB

35 items 1 item selected 873 bytes



env

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### Settings



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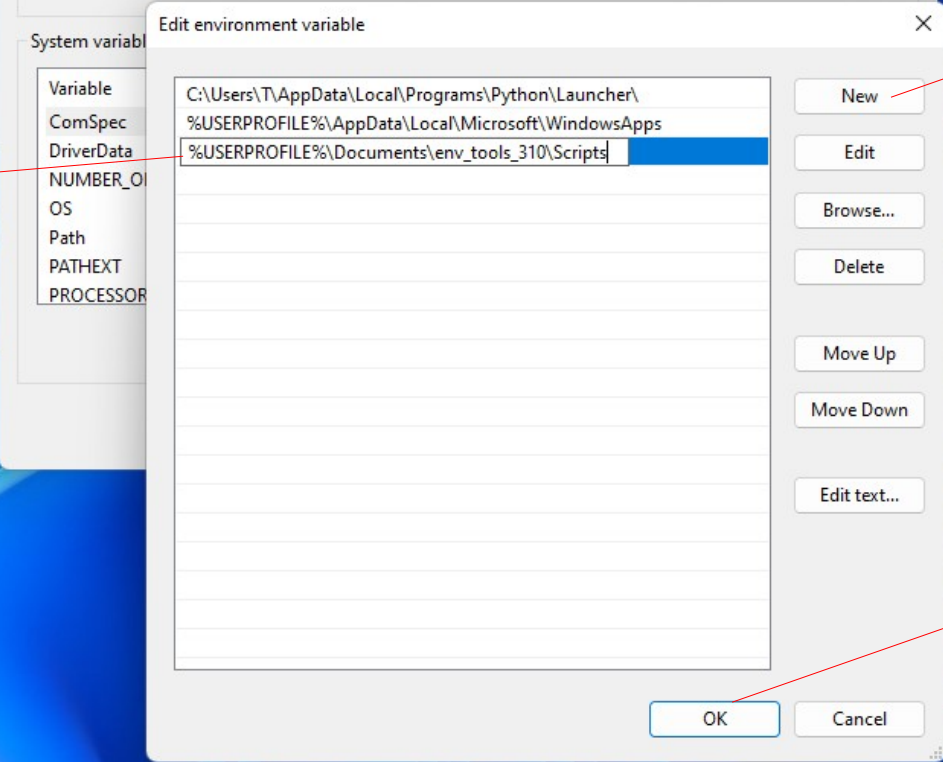
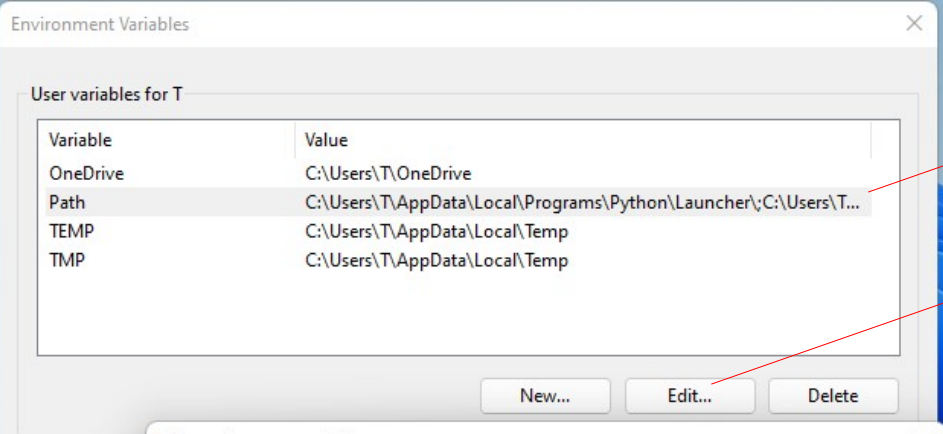


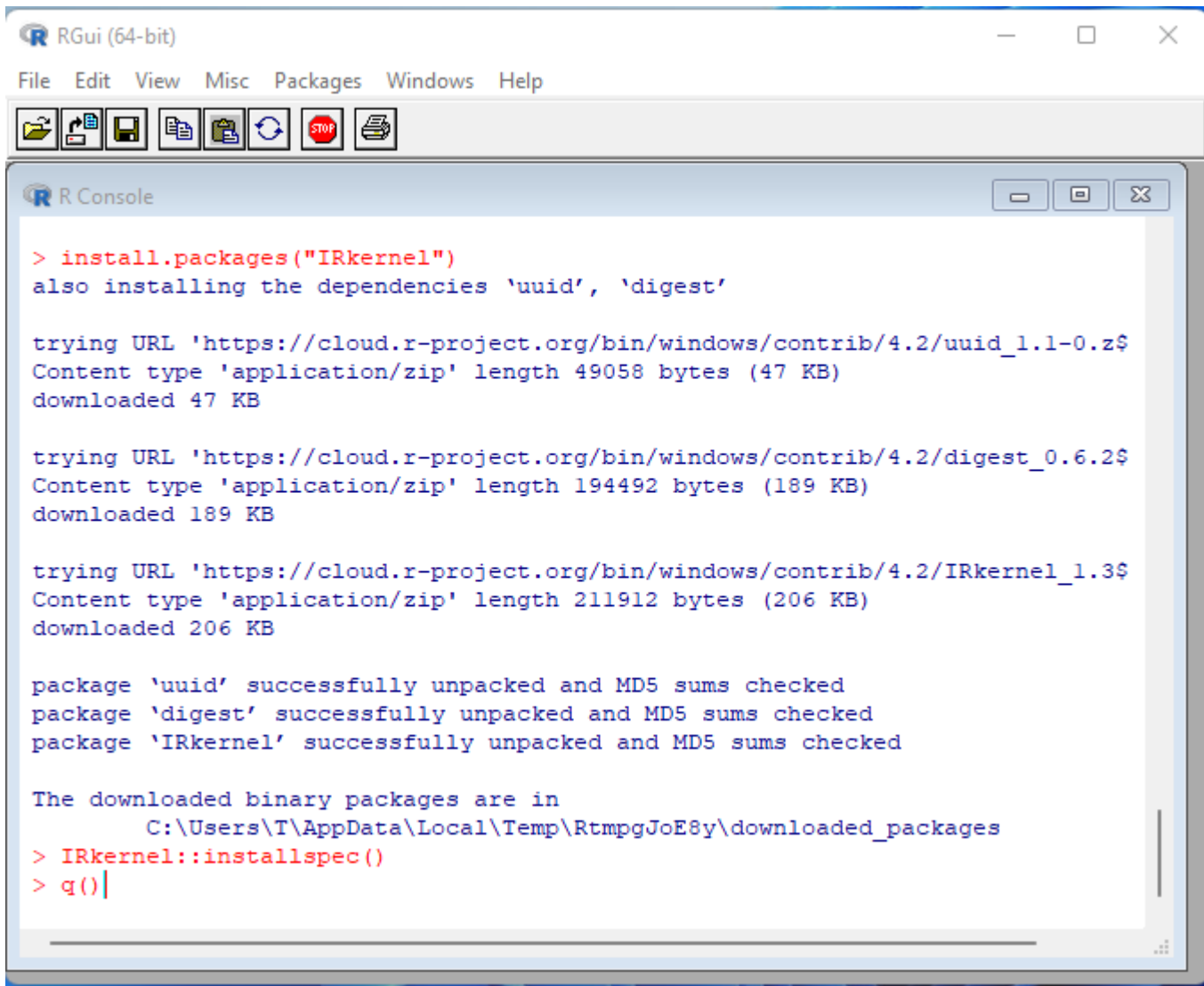
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Control panel



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/



env\_ds\_310



env\_tools\_310



work

Name ▾

Notebook:

Python 3 (ipykernel)

R

env\_ds\_310

Other:

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