

# VS Code Workshop

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## 1 Download Programs

- VS Code: <https://code.visualstudio.com/download>
- Anaconda: <https://www.anaconda.com/download>
- R and RStudio: <https://posit.co/download/rstudio-desktop/>
- Github Desktop: Sign up with your mix account <https://github.com/> and download the Desktop version: <https://desktop.github.com/>
- Git: <https://git-scm.com/downloads>
- Git for large files: <https://git-lfs.com/>
- Miktex: <https://miktex.org/download>

## 2 Install VS Code extensions

- Latex Workshop
- Code Spell Checker
- Grammarly
- Python
- R
- RDebugger
- Stata Run
- Git Graph

### 3 Jupiter Notebook: Stata-kernel

Follow the steps:

- **Stata:**

1. Send a copy to the desktop
2. Open properties
3. Change the end of the “target” path to: /Register
4. Run as administrator

- **From the Anaconda Prompt run:**

```
conda install -c conda-forge stata_kernel
```

```
python -m stata_kernel.install
```

- **Find config.py and change the stata path:**

Find the path to Anaconda, like this one:

```
C:\Users\carol\anaconda3\Lib\site-packages\stata_kernel
```

Open config file and change the stata path:

```
# stata_path = self.get('stata_path', find_path()) # comment this line

stata_path = r'C:/Program Files/Stata17/StataSE-64.exe'
# include this one, but first check what your stata path is in your
laptop and change accordingly
```

save and close the file

- **In VS Code:**

- Open the file test.ipynb
- Select stata kernel
- Clear all outputs
- Run code

Example of how to use stata in the Jupiter Notebook:

[https://nbviewer.org/github/kylebarron/stata\\_kernel/blob/master/examples/Example.ipynb](https://nbviewer.org/github/kylebarron/stata_kernel/blob/master/examples/Example.ipynb)