

project set up

When you're setting up a new project, you'll need to do the following:

1. Create a new project folder and the subfolders **data**, **analysis**, and **output**
2. Download the data set from brightspace and save it in the **data** folder
3. Create a virtual environment for the project
 - Open a terminal in the 'root folder' of your project = `"python -m venv name_of_your_environment"`
4. Activate the virtual environment
 - On Windows: `name_of_your_environment\Scripts\activate`
5. Install the required packages
 - `pip install pandas jupyter` as a minimum
 - but you'll also need to look up the package for the anova and correlation tests
6. Install a jupyter kernel for the virtual environment
 - `python -m ipykernel install --user --name=name_of_your_environment`
7. Create a new jupyter notebook or quarto document in the **analysis** folder
 - If you're using ipynb remember that you'll need to put the yaml in a raw cell at the top of the notebook
 - And this needs the `---` at the start and end of the yaml
8. Start working on your project!