

## Instructions for IT

### Installation

This automation process needs Python3 installed on the host Mac.

The easiest way to do this is to use homebrew. From the commandline (logged in as admin), enter `/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/`

Once this completes, still logged in as admin

```
brew install python3
```

David will also need the OneDrive app, and it will need to sync the required folders to the local machine

Finally, run `pip3 install openpyxl`

## Instructions for David

This version of the script only works for RP4 spreadsheet templates. Specifically this requires the number of examiners to be in cell C2; the main assessment grid (grey area) to run from C13:Q23, and; the comments to be A27.

Create a folder for every student, named whatever you want.

For example, it might be `Documents/OneDrive/Assessments/2021/S1/RP4/StudentName`

In each of those folders, the resulting spreadsheets need to be included in a sub-folder called `data`, which means that you'll have `RP4/StudentName/data/spreadsheet1.xlsx`, `RP4/StudentName/data/spreadsheet2.xlsx`, `RP4/StudentName/data/spreadsheet3.xlsx`. The excel files can be called whatever you want. The current assessment folder structure should work just fine.

Download `excel-wrangle-recursive.py` into the RP4 folder. In that folder you should therefore have the `.py` file, and then as many folders called `StudentName` as necessary, within each of which will be a `data` folder with three excel spreadsheets.

Right click on the RP4 folder, and click 'services', then 'open terminal at folder'. This will open the command line.

Type `python3 excel-wrangle-recursive.xlsx` and press enter, then watch the magic.