

ASDS Code Camp – Thursday Assignment

Latex

Latex is a free software system for typesetting documents widely used in academia for communication and publication of scientific findings. There are different ways to create Latex documents. We recommend trying the integrated environment (offline way) called TeXstudio and the collaborative cloud-based LaTeX editor called Overleaf (online way). See below how to access them but feel free to stick to the way you feel more comfortable with, we will have a look at both settings tomorrow.

- Download TeXstudio here: <https://www.texstudio.org/>
- Register to use Overleaf here: <https://www.overleaf.com/>
 - Feel free to explore LaTeX templates here: <https://www.overleaf.com/latex/templates>

Sign up to Github

Github is an online development platform, which acts as something like a social network for the coding community. You can use GitHub to manage coding projects and coordinate work with other team members. An important concept in Git Hub is the repository. A repository is both a place to store files and to record the history of changes made to those files. Github repositories can have multiple branches for different versions of files. Another important concept is the pull request. If you want to make a change to someone else's code, you can submit a pull request with the new version. The code "owner" can then decide whether to incorporate your new code or not.

We recommend signing up to Git Hub in order to get a feel for the way in which the coding community works, which may help you in your future career as a data scientist. However, the choice is yours. To sign up to github:

1. Go to <https://github.com/>
2. Click the "sign up" box in the top right corner.
3. Follow the instructions.

Download the lecture handouts

Once you are signed up to Git Hub, look for the CodeCamp repository: https://github.com/ASDS-TCD/ASDS_code_camp