Resources about and Introduction to Matlab

Your first source of information and help should always be the Matlab Help itself (see a few paragraphs down) – Matlab is known to have a very well thought through manual that is available in either HTML or PDF. You can access these via the webpage (https://de.mathworks.com/help/matlab/) or via the Matlab Desktop when running the program.

Online Resources and Tutorials

A useful online tutorial (recommended):
https://www.tutorialspoint.com/matlab/index.htm

A short, concise and very useful introduction to Matlab from Boston University:
http://scv.bu.edu/documentation/tutorials/MATLAB/

A youtube video giving a useful introduction to Matlab:
https://www.youtube.com/watch?v=82TGgQApFIQ

A youtube video and longer introduction to Matlab:
https://www.youtube.com/watch?v=T_ekAD7U-wU

An Introduction to Matlab with respect to Geological Applications (we will **not** cover many of these topics in class): http://arrowsmith510.asu.edu/matlab/MatLabBook.html

Downloadable PDFs for offline studies

A PDF of a German introduction into Matlab (TU München):
https://www-m11.ma.tum.de/fileadmin/w00bnb/www/people/karpfinger/MATLAB-Tutorial.pdf

A comprehensive PDF for beginners as well as intermediate users is available here:
http://www.maths.dundee.ac.uk/software/MatlabNotes.pdf

There is also a commercially available book that I highly recommend for everyone wanting to do more in-depth work with Matlab, especially when you have no prior knowledge of Matlab. It is: 'Matlab Recipes for Earth Sciences' by Martin Trauth (Springer). You may be able to access an *ebook* Version from your universities' library.