Syllabus for Princeton Neuroscience Institute MATLAB bootcamp 2023

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|  |  | Topics |
| Week 1 | 06/06 and 06/08 | Intro to MATLAB, variable types |
| Week 2 | 06/13 and 06/15 | Functions |
| Week 3 | 06/20 and 06/22 | Loops |
| Week 4 | 06/27 and 06/29 | Plotting figures |
| Week 5 | 07/04 and 07/06 | find peaks function, curve fitting |
| Week 6 | 07/11 and 07/13 | clustering, regression, correlation |
| Week 7 | 07/18 and 07/20 | Biophysics of single neurons and their modeling applications |
| Week 8 | 07/25 and 07/27 | code reproducibility, GitHub |