README.md 2024-08-12

NEU-365P-385P-Spring-2024

Programming and Data Analysis for Modern Neuroscience

Course info

- Course info
- · Discussion board
- Syllabus

Setup

- Setup your Python environment
- Keep up-to-date with the course GitHub repository

Python

- Programming rules of thumb
- Python environment overview
- Python basics

Working with data

- Python data toolkit
- Data visualization

Dealing with uncertainty

· Statistical inference

Time series and images

Sequence and convolution

Modeling data

- Modeling data
- · Models explored in this course