Tuesday Workshops

Introduction to Programming in R

This workshop is recommended for those who want to learn the basics of R programming in statistics, science, or engineering. The goal of this workshop is to familiarize participants with R's tools for scientific computing and data analysis. Lectures will be interactive with a focus on learning by example, and assignments will be application-driven.

Example topics:
- Basic data types in R, variables, and apply functions
- Data input/output
- Plotting in base R
- Statistical applications: such as how to get a summary of the data, and how to do linear regressions

About the Instructor: Andreas Santucci is a computational statistician, currently practicing Data Science at Google and Lecturing at Stanford University, where he teaches graduate students in STEM fields how to program in Python and C++.