

Instructor bios

Abhijit Dasgupta, PhD

Dr. Dasgupta is a biostatistician and data scientist with experience in statistical modeling and machine learning, bioinformatics, optimization, signal processing, and data visualization. He holds a PhD in Biostatistics with earlier training in Mathematical Statistics. He has been using R for over 20 years for a wide variety of applications in biomedical research, as well as for data-driven reports and presentations. He co-organizes the Statistical Programming DC (<http://www.meetup.com/stats-prog-dc>) meetup (formerly R Users Group DC) and served on the Board of Data Community DC (<http://www.datacommunitydc.org>). He regularly gives workshops and webinars on using R and Python for data analysis, machine learning and visualization. He currently serves as co-chair of the Bioinformatics and Data Science department at FAES.

Dr. Dasgupta serves as a consultant to the National Institute of Arthritis, Musculoskeletal and Skin Disorders (<https://www.niams.nih.gov/about/directory/abhijit-dasgupta-phd>), part of the NIH, where he works on complex analyses of healthcare databases as well as outcomes research. He also is Co-Founder and Chief Data Scientist at Zansors (<http://www.zansors.com>), a healthcare wearable and analytics company based in Arlington, Virginia. Dr. Dasgupta is a certified Carpentries (<http://www.carpentries.org>) instructor, and, with District Data Labs (<http://www.districtdatalabs.com>), he provides high quality curriculum development and training in data science programming using R and Python.