



UNIVERSITY
of HAWAII[®]
MĀNOA



Department of Quantitative Health Sciences



DATA SCIENCE WORKSHOPS

Nov 13 — Nov 15, 2023

9:00am to 12:00pm, HST

Virtual workshops

Presenters:

- Dr. Hyeong Jun Ahn, Assistant Professor and Biostatistics Core Director
- Dr. Joshua Burkhardt, Postdoctoral Researcher
- Dr. James Davis, Associate Professor and Senior Biostatistician

Bioinformatics Core

Department of Quantitative Health Science
John A. Burns School of Medicine
University of Hawai'i at Mānoa

Avoiding Statistical Blunders: Guide to Flawless Data Analysis

9:00 am – 12:00 pm, HST Nov 13, 2023

Dr. Hyeong Jun Ahn

- Exploring the Data Distribution including Normal and other variants and Statistical Concepts.
- Common Data Analysis Errors and How to Fix Them.
- Illustrative Examples and In-Depth Discussions.

Introduction to Deep Learning

9:00 am – 12:00 pm, HST Nov 14, 2023

Dr. Joshua Burkhardt

- Theory
- History
- Basic Examples using R
- Published Deep Learning Models using PyTorch

Locating and accessing popular secondary data

9:00 am – 12:00 pm, HST Nov 15, 2023

Dr. James Davis

- Secondary datasets with data on Native Hawaiians
- Datasets with longitudinal data
- Datasets with data on specific age ranges
- Web sites that are resources to find data by subject area

Free Registration @

<https://forms.gle/eHnaNGiTvGwrJ5u5A>

Please complete the registration form above. Please understand that registration is limited and dependent on a first-come, first-serve basis. ZOOM link will be provided after registration. For questions, please email: Hua Yang(yanghua@hawaii.edu) or Youping Deng (dengy@hawaii.edu)

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