



**Penn**  
UNIVERSITY of PENNSYLVANIA

Jun 7, 2023

# Coursera Learner

has successfully completed

## A Crash Course in Causality: Inferring Causal Effects from Observational Data

an online non-credit course authorized by University of Pennsylvania and offered through Coursera

Jason A. Roy, Ph.D.  
Professor of Biostatistics  
Center for Causal Inference

### COURSE CERTIFICATE



Verify at:

[coursera.org/verify/K79KGJRECLGA](https://coursera.org/verify/K79KGJRECLGA)

Coursera has confirmed the identity of this individual and their participation in the course.