



3 Courses

**Introduction to Probability  
and Data with R**

**Inferential Statistics**

**Linear Regression and  
Modeling**



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**Dante Shoghanian**

has successfully completed the online, non-credit Specialization

## Data Analysis with R

To be successful in this specialization, learners have analyzed and visualized data in R and created reproducible data analysis reports, demonstrated a conceptual understanding of the unified nature of statistical inference, performed frequentist and Bayesian statistical inference and modeling to understand natural phenomena and make data-based decisions, communicated statistical results correctly, effectively, and in context without relying on statistical jargon, critiqued data-based claims and evaluated data-based decisions.

Dr. Mine Çetinkaya-  
Rundel, Assistant  
Professor of the  
Practice

Dr. David Banks,  
Professor of the  
Practice

Dr. Colin Rundel,  
Assistant Professor of  
the Practice

Dr. Merlise A Clyde,  
Professor

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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