



5 Courses

Linear Regression

Model Diagnostics and
Remedial Measures

Variable Selection, Model
Validation, Nonlinear
Regression

Bayesian Computational
Statistics

Data Preparation and
Analysis

ILLINOIS
TECH

Aug 24, 2025

has successfully completed the online, non-credit Specialization

Advanced Statistical Techniques for Data Science

This specialization provides comprehensive training in advanced statistical techniques, including linear regression, model diagnostics, variable selection, and Bayesian statistics. Learners will develop the skills to perform sophisticated data analysis and model validation using R.

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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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