

**SKILL TRACK**

# Statistics Fundamentals with Python

Statistical knowledge is key to evaluating, interpreting, and reporting findings from your data. With these courses, you will learn to confidently evaluate statistical models, simulate data, and draw conclusions from a wide variety of data sets.

[Enroll](#)

Python

19 hours

5 Courses

## Statistical Thinking in Python (Part 1)

Build the foundation you need to think statistically and to speak the language of your data.

[Practice Now](#)

## Statistical Thinking in Python (Part 2)

Learn to perform the two key tasks in statistical inference: parameter estimation and hypothesis testing.

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## Introduction to Linear Modeling in Python

Explore the concepts and applications of linear models with python and build models to describe, predict, and extract...

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## Statistical Simulation in Python

Learn to solve increasingly complex problems using simulations to generate and analyze data.

4 hours

**TUSHAR SHANKER**

Data Scientist at Uber

## Case Studies in Statistical Thinking

Take vital steps towards mastery as you apply your statistical thinking skills to real-world data sets and extract ac...

4 hours

**Play preview****JUSTIN BOIS**

Lecturer at the California Institute of Technology