1 Parameter estimation by optimization FREE

100%

When doing statistical inference, we speak the language of probability. A probability distribution that describes your data has parameters. So, a major goal of statistical inference is to estimate the values of these parameters, which allows us to concisely and unambiguously describe our data and draw conclusions from it. In this chapter, you will learn how to find the optimal parameters, those that best describe your data.

Optimal parameters	50 XP
How often do we get no-hitters?	100 XP
Do the data follow our story?	100 XP
How is this parameter optimal?	100 XP
Linear regression by least squares	50 XP
EDA of literacy/fertility data	100 XP
Linear regression	100 XP
How is it optimal?	100 XP
The importance of EDA: Anscombe's quartet	50 XP
The importance of EDA	50 XP
Linear regression on appropriate Anscombe data	100 XP
Linear regression on all Anscombe data	100 XP

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