A Solution Manual and Notes for:
Introduction to Statistical Learning
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Introduction

Introduction to Statistical Learning is a influential and widely studied book in the fields of machine learning, statistical analysis and pattern recognition. It provides an accessible overview of a statistical framework for machine learning. Although machine learning is mathematically heavy this book abstracts just enough math for the models to be rigorous without being overly technical.

As a practicing data scientist I found myself working with a experimental mindset too often and wanted to improve my statistical rigor. I found the book *Elements of Statistical Learning*, which is written by the same authors, too difficult so I am starting with this book. In order work up to the mathematical complexity of that book I am going to write up a proper solution to every single problem in *Introduction to Statistical Learning*. This also gives me an opportunity to work on my documenting and Latex skills.

I believe that this book is great for those who have taken some introductory college courses in Probability, Calculus, and Linear Algebra and are looking for a first course in machine learning.