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A Solution Manual And Notes For:  
*The Elements Of Statistical Learning*  
By Jerome Friedman, Trevor Hastie,  
And Robert Tibshirani

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David Epstein†

## Introduction

*The Elements Of Statistical Learning* Is An Influential And Widely Studied Book In The Fields Of Machine Learning, Statistical Inference, And Pattern Recognition. It Is A Standard Recommended Text In Many Graduate Courses On These Topics. It Is Also Very Challenging, Particularly If One Faces It Without The Support Of Teachers Who Are Expert In The Subject Matter. For Various Reasons, Both Authors Of These Notes Felt The Need To Understand The Book Well, And Therefore To Produce Notes On The Text When We Found The Text Difficult At First Reading, And Answers To The Exercises. Gaining Understanding Is Time-Consuming And Intellectually Demanding, So It Seemed Sensible To Record Our Efforts In Latex, And Make It Available On The Web To Other Readers. A Valuable By-Product Of Writing Up Mathematical Material, Is That Often One Finds Gaps And Errors In What One Has Written.

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It Is Therefore Our Strong Recommendation That Readers Of The Book Should Not Look At Our Responses To Any Of The Exercises Before Making A Substantial Effort To Understand It Without This Aid. Any Time Spent In This Way, Even If It Ends Without Success, Will Make Our Solutions

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# Elements Of Statistical Learning Solutions Manual

**Ian Pickup**



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