

# ISLR Notes

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# About

Notes and solutions for the exercises in the book: *An Introduction to Statistical Learning with Applications in R (1st edition)* by Gareth James, Daniela Witten, Trevor Hastie, and Robert Tibshirani (website: <https://www.statlearning.com/>)

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# **Chapter 1**

## **Introduction**





## **Chapter 2**

# **Statistical Learning**



## **Chapter 3**

# **Linear Regression**



## **Chapter 4**

# **Classification**



## **Chapter 5**

# **Classification**





## **Chapter 6**

# **Resampling Methods**



## **Chapter 7**

# **Model Selection and Regularization**



## **Chapter 8**

# **Moving Beyond Linearity**



## **Chapter 9**

# **Tree Based Methods**





## **Chapter 10**

# **Support Vector Machines**



## **Chapter 11**

# **Unsupervised Learning**