Python Machine Learning Case Studies

Python
Machine Learning
Case Studies

Five Case Studies for the Data Scientist
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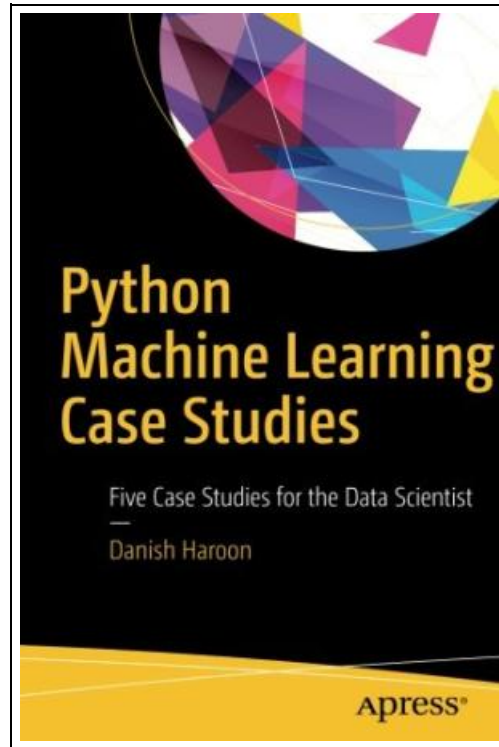Danish Haroon

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Reviews

Extensive guideline! Its such a great go through. It is definitely basic but surprises in the 50 % of the pdf. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Fernando Hahn)

PYTHON MACHINE LEARNING CASE STUDIES

Condition: New. Publisher/Verlag: Springer, Berlin | Five Case Studies for the Data Scientist | Embrace machine learning approaches and Python to enable automatic rendering of rich insights and solve business problems. The book uses a hands-on case study-based approach to crack real-world applications to which machine learning concepts can be applied. These smarter machines will enable your business processes to achieve efficiencies on minimal time and resources. Python Machine Learning Case Studies takes you through the steps to improve business processes and determine the pivotal points that frame strategies. You'll see machine learning techniques that you can use to support your products and services. Moreover you'll learn the pros and cons of each of the machine learning concepts to help you decide which one best suits your needs. By taking a step-by-step approach to coding in Python you'll be able to understand the rationale behind model selection and decisions within the machine learning process. The book is equipped with practical examples along with code snippets to ensure that you understand the data science approach to solving real-world problems. What You Will Learn Gain insights into machine learning conceptsWork on real-world applications of machine learningLearn concepts of model selection and optimizationGet a hands-on overview of Python from a machine learning point of view Who This Book Is For Data scientists, data analysts, artificial intelligence engineers, big data enthusiasts, computer scientists, computer sciences students, and capital market analysts. | Chapter 1: Statistics and Probability Chapter Goal: Introduction and hands on approach to central limit theorem, distributions, confidence intervals, statistical tests, ROC curves, plots, probabilities, permutations and combinations No of pages: 70-80 Sub -Topics 1. Exploratory Data analysis 2. Probability Distributions 3. Concept of Permutations and Combinations 4. Statistical tests 5. Applications in the industry 6. Case study Chapter 2: Regression Chapter Goal:...

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