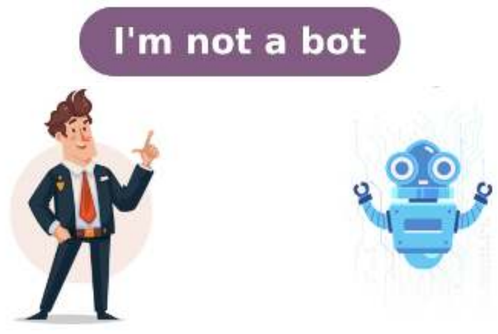
I'm not a bot

Cracking the data science interview maverick lin pdf

Cracking the Data Science Interview is a unique book that distills data science into its core essence. It's structured similarly to Cracking the Coding Interview, where essential concepts are introduced before diving into interview questions. The topics covered include: * Necessary Prerequisites (statistics, probability, linear algebra, and computer science) * 18 Big Ideas in Data Science (Occam's Razor, Overfitting, Bias/Variance Tradeoff, Cloud Computing, Curse of Dimensionality, etc.) * Data Wrangling (exploratory data analysis, feature engineering, data cleaning and visualization) * Machine Learning Models (k-NN, random forests, boosting, neural networks, k-means clustering, PCA, etc.) * Reinforcement Learning (Q-Learning and Deep Q-Learning) * Non-Machine Learning Tools (graph theory, ARIMA, linear programming) * Case Studies (a look at data science in companies like Amazon and Uber) The author, Maverick, has a strong background in operations research and information engineering from Cornell University and experience in data science consulting. He also created the popular Data Science Cheatsheet and Data Engineering Cheatsheet on GCP. Cracking the Data Science Interview aims to provide a concise and clean understanding of data science concepts, making it an invaluable resource for interview preparation. Get ready to conquer the world of data science! This e-book and paperback guide covers essential topics like overfitting, bias/variance tradeoff, cloud computing, curse of dimensionality, data wrangling (EDA, feature engineering, cleaning, and visualization), machine learning models (k-NN, random forests, bagging, neural networks, k-means clustering, PCA), reinforcement learning (Q-Learning, Deep Q-Learning), non-machine learning tools (graph theory, ARIMA, linear programming), case studies (exploring data science at companies like Amazon and Uber), and more. The e-book version is available now on KDP select, while the paperback edition is already out! The author, Maverick, has also created a Cracking the Data Science Interview Github repo with links to help you ace your interviews. Check out the Table of Contents and Unsupervised Learning chapter here! About the Author: Maverick holds a degree in operations research and information engineering (ORIE) from Cornell University and has experience in data science consulting for a Fortune 500 company. Get full access to Cracking the Data Science Interview, along with 60K+ other titles, with a free 10-day trial of O'Reilly. Enjoy live events, courses curated by job role, and more. Looking to stand out in the competitive data science job market? By completing this interview guide, you'll acquire the necessary skills and confidence to succeed. This comprehensive resource covers essential topics including: Data Science Trends and Job Demands Resumes and Portfolios for Interviews Python and SQL Programming Machine Learning Models Deep Learning Components Code Versioning with Git Whether you're an experienced professional or new entrant in the field, this guide is designed to aid you. Basic knowledge of Python, SQL, and statistics is necessary; familiarity with R will also provide valuable insights into data science concepts.