Case In Point Graph Analysis For Consulting And Case Interviews

Tells a story about the strange relationship of two migrant workers who are able to realize their dreams of an easy life until one of them succumbs to his weakness for soft, helpless creatures and strangles a farmer's wife.

Fixed Point Theory and Graph Theory provides an intersection between the theories of fixed point theorems that give the conditions under which maps (single or multivalued) have solutions and graph theory which uses mathematical structures to illustrate the relationship between ordered pairs of objects in terms of their vertices and directed edges. This edited reference work is perhaps the first to provide a link between the two theories, describing not only their foundational aspects, but also the most recent advances and the fascinating intersection of the domains. The authors provide solution methods for fixed points in different settings, with two chapters devoted to the solutions method for critically important non-linear problems in engineering, namely, variational inequalities, fixed point, split feasibility, and hierarchical variational inequality problems. The last two chapters are devoted to integrating fixed point theory in spaces with the graph and the use of retractions in the fixed point theory for ordered sets. Introduces both metric fixed point and graph theory in terms of their disparate foundations and common application environments Provides a unique integration of otherwise disparate domains that aids both students seeking to understand either area and researchers interested in establishing an integrated research approach Emphasizes solution methods for fixed points in non-linear problems such as variational inequalities, split feasibility, and hierarchical variational inequality problems that is particularly appropriate for engineering and core science applications

Learn how to speak with confidence when addressing CEOs and General Managers. The book puts you inside the CEOs head so you know how they think and how they get influenced.

Written by renowned data science experts Foster Provost and Tom Fawcett, Data Science for Business introduces the fundamental principles of data science, and walks you through the "data-analytic thinking" necessary for extracting useful knowledge and business value from the data you collect. This guide also helps you understand the many data-mining techniques in use today. Based on an MBA course Provost has taught at New York University over the past ten years, Data Science for Business provides examples of real-world business problems to illustrate these principles. You'll not only learn how to improve communication between business stakeholders and data scientists, but also how participate intelligently in your company's data science projects. You'll also discover how to think data-analytically, and fully appreciate how data science methods can support business decision-making. Understand how data science fits in your organization—and how you can use it for competitive advantage Treat data as a business asset that requires careful investment if you're to gain real value Approach business problems data-analytically, using the data-mining process to gather good data in the most appropriate way Learn general concepts for actually extracting knowledge from data Apply data science principles when interviewing data science job candidates

Walt Johnson has been a rolling stone most of his life, moving from town to town and living on the edges of homelessness. Now he has run out of time as lung cancer has left him only months to live. Walt then begins a quest to find the son with whom he lost contact decades earlier. Out of money, he lands a job at a small-town restaurant in an attempt to save enough to buy a bus ticket to the last known whereabouts of his son. The friends Walt makes at his new job soon become family for him, especially 14-year-old Danny who is emotionally paralyzed at the loss of his own father in Iraq. Faced with Danny's struggles to grow up and the struggles of his other new friends, Walt comes to realize he is not only on a journey to find his own son, but he is on a journey to find himself worthy of being a father.

The #1 New York Times bestseller that has all America talking: as seen/heard on CNN's Fareed Zakaria GPS, Morning Joe, CBS This Morning, The Bill Simmons Podcast, Rich Roll, and more. "The most important business—and parenting—book of the year." —Forbes "Urgent and important. . . an essential read for bosses, parents, coaches, and anyone who cares about improving performance." —Daniel H. Pink Shortlisted for the Financial Times/McKinsey Business Book of the Year Award Plenty of experts argue that anyone who wants to develop a skill, play an instrument, or lead their field should start early, focus intensely, and rack up as many hours of deliberate practice as possible. If you dabble or delay, you'll never catch up to the people who got a head start. But a closer look at research on the world's top performers, from professional athletes to Nobel laureates, shows that early specialization is the exception, not the rule. David Epstein examined the world's most successful athletes, artists, musicians, inventors, forecasters and scientists. He discovered that in most fields—especially those that are complex and unpredictable—generalists, not specialists, are primed to excel. Generalists often find their path late, and they juggle many interests rather than focusing on one. They're also more creative, more agile, and able to make connections their more specialized peers can't see. Provocative, rigorous, and engrossing, Range makes a compelling case for actively cultivating inefficiency. Failing a test is the best way to learn. Frequent quitters end up with the most fulfilling careers. The most impactful inventors cross domains rather than deepening their knowledge in a single area. As experts silo themselves further while computers master more of the skills once reserved for highly focused humans, people who think broadly and embrace diverse experiences and perspectives will increasingly thrive.

A clear and concise introduction and reference for anyone new to the subject of statistics.

Summary Visualizing Graph Data teaches you not only how to build graph data structures, but also how to create your own dynamic and interactive visualizations using a variety of tools. This book is loaded with fascinating examples and case studies to show you the real-world value of graph visualizations. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Assume you are doing a great job collecting data about your customers and products. Are you able to turn your rich data into important insight? Complex relationships in large data sets can be difficult to recognize. Visualizing these connections as graphs makes it possible to

see the patterns, so you can find meaning in an otherwise over-whelming sea of facts. About the Book Visualizing Graph Data teaches you how to understand graph data, build graph data structures, and create meaningful visualizations. This engaging book gently introduces graph data visualization through fascinating examples and compelling case studies. You'll discover simple, but effective, techniques to model your data, handle big data, and depict temporal and spatial data. By the end, you'll have a conceptual foundation as well as the practical skills to explore your own data with confidence. What's Inside Techniques for creating effective visualizations Examples using the Gephi and KeyLines visualization packages Real-world case studies About the Reader No prior experience with graph data is required. About the Author Corey Lanum has decades of experience building visualization and analysis applications for companies and government agencies around the globe. Table of Contents PART 1 - GRAPH VISUALIZATION BASICS Getting to know graph visualization Case studies An introduction to Gephi and KeyLines PART 2 VISUALIZE YOUR OWN DATA Data modeling How to build graph visualizations Creating interactive visualizations How to organize a chart Big data: using graphs when there's too much data Dynamic graphs: how to show data over time Graphs on maps: the where of graph visualization

A comprehensive introduction to the tools, techniques and applications of convex optimization.

Are all film stars linked to Kevin Bacon? Why do the stock markets rise and fall sharply on the strength of a vague rumour? How does gossip spread so quickly? Are we all related through six degrees of separation? There is a growing awareness of the complex networks that pervade modern society. We see them in the rapid growth of the Internet, the ease of global communication, the swift spread of news and information, and in the way epidemics and financial crises develop with startling speed and intensity. This introductory book on the new science of networks takes an interdisciplinary approach, using economics, sociology, computing, information science and applied mathematics to address fundamental questions about the links that connect us, and the ways that our decisions can have consequences for others.

The text covers random graphs from the basic to the advanced, including numerous exercises and recommendations for further reading.

The Wall Street Journal calls Case in Point the MBA Bible! Cosentino demystifies the consulting case interview. He takes you inside a typical interview by exploring the various types of case questions and he shares with you the acclaimed Ivy Case System which will give you the confidence to answer even the most sophisticated cases. The book includes over 40 strategy cases, ten case starts exercises and 21 ways to cut costs, plus much, much more!

Living in a "perfect" world without social ills, a boy approaches the time when he will receive a life assignment from the Elders, but his selection leads him to a mysterious man known as the Giver, who reveals the dark secrets behind the utopian facade.

CASE IN POINT: GRAPH ANALYSIS for CONSULTING and CASE INTERVIEWS The use of complex graphs in case interviews has exploded. You have a very short time to look at the graph, analyze it, extract what's important and apply it to your answer. This book was designed to help you understand the role of graphs in consulting (both during an interview and on the job). The authors introduce the Ivy Graph Framework, which will allow you to analyze 11 of the most popular graphs quickly, completely, and with great confidence. In addition the book provides eight sophisticated cases with numerous graphs per case and allows you to see how these cases unfold. There is nothing else out there like it!

Why are business case competitions important? They teach future leaders how to translate classroom knowledge into positive results. Analyzing a situation, diagnosing a problem, formulating and presenting a recommendation, and gaining approval from executive leadership is one of the best processes you can learn in business school to ensure success. You are not only codifying textbook learning, you are also learning to incorporate it with teamwork, interpersonal communication, and influence. Experts Jason Rife, Kara Kravetz Cupoli, and Marc Cosentino share insight and tips in this must-have guide.

Cheng, a former McKinsey management consultant, reveals his proven, insider'smethod for acing the case interview.

#1 NEW YORK TIMES BESTSELLER • "The story of modern medicine and bioethics—and, indeed, race relations—is refracted beautifully, and movingly."—Entertainment Weekly NOW A MAJOR MOTION PICTURE FROM HBO® STARRING OPRAH WINFREY AND ROSE BYRNE • ONE OF THE "MOST INFLUENTIAL" (CNN), "DEFINING" (LITHUB), AND "BEST" (THE PHILADELPHIA INQUIRER) BOOKS OF THE DECADE • ONE OF ESSENCE'S 50 MOST IMPACTFUL BLACK BOOKS OF THE PAST 50 YEARS • WINNER OF THE CHICAGO TRIBUNE HEARTLAND PRIZE FOR NONFICTION NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The New York Times Book Review • Entertainment Weekly • O: The Oprah Magazine • NPR • Financial Times • New York • Independent (U.K.) • Times (U.K.) • Publishers Weekly • Library Journal • Kirkus Reviews • Booklist • Globe and Mail Her name was Henrietta Lacks, but scientists know her as HeLa. She was a poor Southern tobacco farmer who worked the same land as her slave ancestors, yet her cells—taken without her knowledge—became one of the most important tools in medicine: The first "immortal" human cells grown in culture, which are still alive today, though she has been dead for more than sixty years. HeLa cells were vital for developing the polio vaccine; uncovered secrets of cancer, viruses, and the atom bomb's effects; helped lead to important advances like in vitro fertilization, cloning, and gene mapping; and have been bought and sold by the billions. Yet Henrietta Lacks remains virtually unknown, buried in an unmarked grave. Henrietta's family did not learn of her "immortality" until more than twenty years after her death, when scientists investigating HeLa began using her husband and children in research without informed consent. And though the cells had launched a multimillion-dollar industry that sells human biological materials, her family never saw any of the profits. As Rebecca Skloot so brilliantly shows, the story of the Lacks family—past and present—is inextricably connected to the dark history of experimentation on African Americans, the birth of bioethics, and the legal battles over whether we control the stuff we are made of. Over the decade it took to uncover this story, Rebecca became enmeshed in the lives of the Lacks family—especially Henrietta's daughter Deborah. Deborah was consumed with questions: Had scientists cloned her mother? Had they killed her to harvest her cells? And if her mother was so important to medicine, why couldn't her children afford health insurance? Intimate in feeling, astonishing in scope, and impossible to put down, The Immortal Life of Henrietta Lacks captures the beauty and drama of scientific discovery, as well as its human consequences.

"Paul's Case" by Willa Cather. Published by Good Press. Good Press publishes a wide range of titles that encompasses every genre. From well-known classics & literary fiction and non-fiction to forgotten?or yet undiscovered gems?of world literature, we issue the books that need to be read. Each Good Press edition has been meticulously edited and formatted to boost readability for all e-readers and devices. Our goal is to produce eBooks that are user-friendly and accessible to everyone in a high-quality digital format.

The chilling Saga of Darren Shan, the ordinary schoolboy plunged into the vampire world.

Discover how graph algorithms can help you leverage the relationships within your data to develop more intelligent solutions and enhance your machine learning models. You'll learn how graph analytics are uniquely suited to unfold complex structures and reveal difficult-to-find patterns lurking in your data. Whether you are trying to build dynamic network models or forecast real-world behavior, this book illustrates how graph algorithms deliver value—from finding vulnerabilities and bottlenecks to detecting communities and improving machine learning predictions. This practical book walks you through hands-on examples of how to use graph algorithms in Apache Spark and Neo4j—two of the most common choices for graph analytics. Also included: sample code and tips for over 20 practical graph algorithms that cover optimal pathfinding, importance through centrality, and community detection. Learn how graph analytics vary from conventional statistical analysis Understand how classic graph algorithms work, and how they are applied Get guidance on which algorithms to use for different types of questions Explore algorithm examples with working code and sample datasets from Spark and Neo4j See how connected feature extraction can increase machine learning accuracy and precision Walk through creating an ML workflow for link prediction combining Neo4j and Spark

A classic work of American literature that has not stopped changing minds and lives since it burst onto the literary scene, The Things They Carried is a ground-breaking meditation on war, memory, imagination, and the redemptive power of storytelling. The Things They Carried depicts the men of Alpha Company: Jimmy Cross, Henry Dobbins, Rat Kiley, Mitchell Sanders, Norman Bowker, Kiowa, and the character Tim O'Brien, who has survived his tour in Vietnam to become a father and writer at the age of forty-three. Taught everywhere—from high school classrooms to graduate seminars in creative writing—it has become required reading for any American and continues to challenge readers in their perceptions of fact and fiction, war and peace, courage and fear and longing. The Things They Carried won France's prestigious Prix du Meilleur Livre Etranger and the Chicago Tribune Heartland Prize; it was also a finalist for the Pulitzer Prize and the National Book Critics Circle Award.

Estimation of the Time Since Death remains the foremost authoritative book on scientifically calculating the estimated time of death postmortem. Building on the success of previous editions which covered the early postmortem period, this new edition also covers the later postmortem period including putrefactive changes, entomology, and postmortem r

Make workplace conflict resolution a game that EVERYBODY wins! Recent studies show that typical managers devote more than a quarter of their time to resolving coworker disputes. The Big Book of Conflict-Resolution Games offers a wealth of activities and exercises for groups of any size that let you manage your business (instead of managing personalities). Part of the acclaimed, bestselling Big Books series, this guide offers step-by-step directions and customizable tools that empower you to heal rifts arising from ineffective communication, cultural/personality clashes, and other specific problem areas—before they affect your organization's bottom line. Let The Big Book of Conflict-Resolution Games help you to: Build trust Foster morale Improve processes Overcome diversity issues And more Dozens of physical and verbal activities help create a safe environment for teams to explore several common forms of conflict—and their resolution. Inexpensive, easy-to-implement, and proved effective at Fortune 500 corporations and mom-and-pop businesses alike, the exercises in The Big Book of Conflict-Resolution Games delivers everything you need to make your workplace more efficient, effective, and engaged.

"This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience"--

"You've got a great idea that will increase revenue or productivity--but how do you get approval to make it happen? By building a business case that clearly shows its value. Maybe you struggle to win support for projects because you're not sure what kind of data your stakeholders will trust, or naysayers always seem to shoot your ideas down at the last minute. Or perhaps you're intimidated by analysis and number crunching, so you just take a stab at estimating costs and benefits, with little confidence in your accuracy. To get any idea off the ground at your company you'll have to make a strong case for it. This guide gives you the tools to do that"--

Featuring the Ivy Case System - including a section on government and nonprofit cases.

A bestselling modern classic—both poignant and funny—about a boy with autism who sets out to solve the murder of a neighbor's dog and discovers unexpected truths about himself and the world. Nominated as one of America's best-loved novels by PBS's The Great American Read Christopher John Francis Boone knows all the countries of the world and their capitals and every prime number up to 7,057. He relates well to animals but has no understanding of human emotions. He cannot stand to be touched. And he detests the color yellow. This improbable story of Christopher's quest to investigate the suspicious death of a neighborhood dog makes for one of the most captivating, unusual, and widely heralded novels in recent years.

An accessible primer on how to create effective graphics from data This book provides students and researchers a hands-on introduction to the principles and practice of data visualization. It explains what makes some graphs succeed while others fail, how to make high-quality figures from data using powerful and reproducible methods, and how to think about data visualization in an honest and effective way. Data Visualization builds the reader's expertise in ggplot2, a versatile visualization library for the R programming language. Through a series of worked examples, this accessible primer then demonstrates how to create plots piece by piece, beginning with summaries of single variables and moving on to more complex graphics. Topics include plotting continuous and categorical variables; layering information on graphics; producing effective "small multiple" plots; grouping, summarizing, and transforming data for plotting; creating maps; working with the output of statistical models; and refining plots to make them more comprehensible. Effective graphics

are essential to communicating ideas and a great way to better understand data. This book provides the practical skills students and practitioners need to visualize quantitative data and get the most out of their research findings. Provides hands-on instruction using R and ggplot2 Shows how the "tidyverse" of data analysis tools makes working with R easier and more consistent Includes a library of data sets, code, and functions

A practical, hands-on guide, that provides you with all the tools you need to visualize and analyze your data using network graphs with Gephi.This book is for data analysts who want to intuitively reveal patterns and trends, highlight outliers, and tell stories with their data using Gephi. It is great for anyone looking to explore interactions within network datasets, whether the data comes from social media or elsewhere. It is also a valuable resource for those seeking to learn more about Gephi without being overwhelmed by technical details.

Voted America's Best-Loved Novel in PBS's The Great American Read Harper Lee's Pulitzer Prize-winning masterwork of honor and injustice in the deep South—and the heroism of one man in the face of blind and violent hatred One of the most cherished stories of all time, To Kill a Mockingbird has been translated into more than forty languages, sold more than forty million copies worldwide, served as the basis for an enormously popular motion picture, and was voted one of the best novels of the twentieth century by librarians across the country. A gripping, heart-wrenching, and wholly remarkable tale of coming-of-age in a South poisoned by virulent prejudice, it views a world of great beauty and savage inequities through the eyes of a young girl, as her father—a crusading local lawyer—risks everything to defend a black man unjustly accused of a terrible crime.

The Great Gatsby (1925) is a novel by F. Scott Fitzgerald. Published at the height of Fitzgerald's career as a leading writer of American fiction, The Great Gatsby was reviewed poorly by contemporary critics, but has since been recognized as a groundbreaking work for its vision of American decadence and decay. Adapted into several influential films and adored by generations of readers and writers, The Great Gatsby is not only Fitzgerald's crowning achievement, but one of the finest novels ever written. Nick Carraway is a young veteran and Yale graduate who moves to New York in search of work. He rents a bungalow on Long Island next door to the extravagant mansion of Jay Gatsby, a magnanimous millionaire with a mysterious past. There, he reconnects with his distant cousin Daisy and her husband Tom Buchanan, a flagrant philanderer who brings Nick to the city in order to spend time with Myrtle, his impoverished mistress. Soon, he receives an invitation to a party at the Gatsby mansion, where he gets terribly drunk and meets his neighbor, who swears they served together in the Great War. As time goes by, the two begin a tenuous friendship bolstered by stories of the war and a mutual fondness for alcohol. When Nick discovers that Gatsby and Daisy have a complicated history with one another, he starts to question not only the nature of his neighbor's kindness, but his own desire to make it big in New York. The Great Gatsby is a tragic tale of ambition and romance set in the Roaring Twenties, a decade born from war and lost to economic disaster. With a beautifully designed cover and professionally typeset manuscript, this new edition of F. Scott Fitzgerald's The Great Gatsby is a classic work of American literature reimagined for modern readers.

The use of complex graphs in case interviews has exploded. You have a very short time to look at the graph, analyze it, extract what s important and apply it to your answer. This book was designed to help you understand the role of graphs in consulting (both during an interview and on the job). The authors introduce the Ivy Graph Framework, which will allow you to analyze 11 of the most popular graphs quickly, completely, and with great confidence. In addition the book provides ten sophisticated cases with numerous graphs per case and allows you to see how these cases unfold. There is nothing else out there like it!

Case interviews come in all formats. The key, as an interviewee, is being prepared. Know what the interviewer is looking for, know the industry/sector, the jargon, the constraints and stakeholders, and how people in the industry operate. Government and nonprofit cases span a wide variety of problems, issues, stakeholders, and politics, which makes them trickier than private sector case interviews.