

All exam topics are covered thoroughly and with stimulating material Sections on Reading, Speaking and Coursework also support students in exam preparation End-of-unit-vocabulary summaries provide support for practising and recycling key language

Statistical methods are a key part of data science, yet very few data scientists have any formal statistics training. Courses and books on basic statistics rarely cover the topic from a data science perspective. This practical guide explains how to apply various statistical methods to data science, tells you how to avoid their misuse, and gives you advice on what's important and what's not. Many data science resources incorporate statistical methods but lack a deeper statistical perspective. If you're familiar with the R programming language, and have some exposure to statistics, this quick reference bridges the gap in an accessible, readable format. With this book, you'll learn: Why exploratory data analysis is a key preliminary step in data science How random sampling can reduce bias and yield a higher quality dataset, even with big data How the principles of experimental design yield definitive answers to questions How to use regression to estimate outcomes and detect anomalies Key classification techniques for predicting which categories a record belongs to Statistical machine learning methods that "learn" from data Unsupervised learning methods for extracting meaning from unlabeled data This book offers explanations of grammatical terms and functions as they apply to English and German. It illustrates the similarities and differences between the two languages and stresses the common linguistics pitfalls for English speakers. It includes review exercises with answers at the back.

Over 3,000 Words Every Person Should be Able to Use (And a few that you probably shouldn't)

Living Clean: The Journey Continues

Your Forever Love

Deutsch: Na klar! An Introductory German Course (Student Edition)

Practical Statistics for Data Scientists

'Dani Atkins is the undisputed queen of fiction that packs a huge emotional punch' heat 'Have your tissues at the ready for this tear jerker of a read' Closer 'Brings heart-wrenching surprises' Woman & Home 'I simply adored this heart-breaking, brilliant read' Sun A brand new and brilliant emotional family drama for fans of Jojo Moyes and Dorothy Koomson, from the bestselling author of Fractured. What if someone else was living your happy ever after? When Maddie wakes up in a hospital bed, she can't remember anything about what happened to her or what has changed. She just remembers she was about to be married and had everything to look forward to. But it seems life has become a lot more complicated while she has been asleep ... 'This book is filled with the utmost compassion and it has stayed with me long after the final page ... An absolute triumph of storytelling' Penny Parkes 'A touching story about love, loss, survival and an unconventional friendship. Dani writes with heart and soul. Prepare to be moved' Alice Peterson 'A story of hope and love, this brilliant family drama shows that none of us knows what the future holds' Prima 'A warm and memorable novel, with a dilemma at its core, and will appeal to readers of Jodi Picoult and Nicholas Sparks. Atkins deserves more recognition for her commercial fiction. Thoroughly enjoyable' Independent on Sunday 'Tear-jerker' Bella Further praise for Dani Atkins' novels: 'A heart-warming story of love and loss that will stay with you long after the last page' My Weekly 'A beautiful romance with a twist' Woman 'If you like Jodi Picoult then you'll love This Love' Lovereading 'Such a beautiful book' Brewandbooksreview 'A true celebration of life, family and relationships' culturefly 'What a stunningly beautiful love story, I'm bereft that it's over' RatherTooFondofBooks 'Heartbreakingly beautiful. A must-read' blogsbybooksby 'Flawless' reabookreview 'I wholeheartedly recommend this to anyone' rachelsrandomreads 'Poignant and heartfelt' vivavoce 'A heartbreaker of a book' handwrittengirl 'Heartbreakingly brilliant' Daily Mail 'Truly magnificent storytelling' Veronica Henry 'Fans of Me Before You will love this' Patricia Scanlan 'For those of you who have ever wondered about your first love or thought about the one that got away, this story will speak to your heart. I read it in one sitting - and it's heartbreakingly brilliant' The Sun 'This is easily one of the best books I have ever read, and I don't say that often!' thelunamayblog 'A gripping and emotional family drama ... With breath-taking plot twists, Dani explores themes of serendipity, friendship and love' Fabulousbookfiend

Gwyneth Shepherd's sophisticated, beautiful cousin Charlotte has been prepared her entire life for traveling through time. But unexpectedly, it is Gwyneth who in the middle of class takes a sudden spin to a different era! Gwyneth must now unearth the mystery of why her mother would lie about her birth date to ward off suspicion about her ability, brush up on her history, and work with Gideon—the time traveler from a similarly gifted family that passes the gene through its male line, and whose presence becomes, in time, less insufferable and more essential. Together, Gwyneth and Gideon journey through time to discover who, in the 18th century and in contemporary London, they can trust. Kerstin Gier's Ruby Red is young adult novel full of fantasy and romance.

Alan Krueger, a former chairman of the president's Council of Economic Advisers, uses the music industry, from superstar artists to music executives, from managers to promoters, as a way in to explain key principles of economics, and the forces shaping our economic lives. The music industry is a leading indicator of today's economy; it is among the first to be disrupted by the latest wave of technology, and examining the ins and outs of how musicians create and sell new songs and plan concert tours offers valuable lessons for what is in store for businesses and employees in other industries that are struggling to adapt. Drawing on interviews with leading band members, music executives, managers, promoters, and using the latest data on revenues, royalties, streaming tour dates, and merchandise sales, Rockonomics takes readers backstage to show how the music industry really works—who makes money and how much, and how the economics of the music industry has undergone a radical transformation during recent decades. Before digitalization and the ability to stream music over the Internet, rock stars made much of their income from record sales. Today, income from selling songs has plummeted, even for superstars like James Taylor and Taylor Swift. The real money nowadays is derived from concert sales. In 2017, for example, Billy Joel earned \$27.4 million from his live performances, and less than \$2 million from record sales and streaming. Even Paul McCartney, who has written and recorded more number one songs than anyone in music history, today, earns 80 percent of his income from

English and German Diction for Singers

The Legends of the Alfar Book III

How the West Became Psychologically Peculiar and Particularly Prosperous

McGraw-Hill's Big Books not only include more verbs and a better selection than their competitors, but they also provide ample contextual examples that show you how the verbs are actually used. Features include: 555 fully conjugated verbs Extensive examples illustrating basic meanings for the top 50 verbs Verb exercises Clear coverage of the unique aspects of the language's verbs And more

This open access book provides a comprehensive overview of the application of the newest laser and microscope/ophthalmoscope technology in the field of high resolution imaging in microscopy and ophthalmology. Starting by describing High-Resolution 3D Light Microscopy with STED and RESOLFT, the book goes on to cover retinal and anterior segment imaging and image-guided treatment and also discusses the development of adaptive optics in vision science and ophthalmology. Using an interdisciplinary approach, the reader will learn about the latest developments and most up to date technology in the field and how these translate to a medical setting. High Resolution Imaging in Microscopy and Ophthalmology – New Frontiers in Biomedical Optics has been written by leading experts in the field and offers insights on engineering, biology, and medicine, thus being a valuable addition for scientists, engineers, and clinicians with technical and medical interest who would like to understand the equipment, the applications and the medical/biological background. Lastly, this book is dedicated to the memory of Dr. Gerhard Zinser, co-founder of Heidelberg Engineering GmbH, a scientist, a husband, a brother, a colleague, and a friend. A New York Times Notable Book of 2020 A Bloomberg Best Non-Fiction Book of 2020 A Behavioral Scientist Notable Book of 2020 A Human Behavior & Evolution Society Must-Read Popular Evolution Book of 2020 A bold, epic account of how the co-evolution of psychology and culture created the peculiar Western mind that has profoundly shaped the modern world. Perhaps you are WEIRD: raised in a society that is Western, Educated, Industrialized, Rich, and Democratic. If so, you're rather psychologically peculiar. Unlike much of the world today, and most people who have ever lived, WEIRD people are highly individualistic, self-obsessed, control-oriented, nonconformist, and analytical. They focus on themselves—their attributes, accomplishments, and aspirations—over their relationships and social roles. How did WEIRD populations become so psychologically distinct? What role did these psychological differences play in the industrial revolution and the global expansion of Europe during the last few centuries? In *The WEIRDest People in the World*, Joseph Henrich draws on cutting-edge research in anthropology, psychology, economics, and evolutionary biology to explore these questions and more. He illuminates the origins and evolution of family structures, marriage, and religion, and the profound impact these cultural transformations had on human psychology. Mapping these shifts through ancient history and late antiquity, Henrich reveals that the most fundamental institutions of kinship and marriage changed dramatically under pressure from the Roman Catholic Church. It was these changes that gave rise to the WEIRD psychology that would coevolve with impersonal markets, occupational specialization, and free competition—laying the foundation for the modern world. Provocative and engaging in both its broad scope and its surprising details, *The WEIRDest People in the World* explores how culture, institutions, and psychology shape one another, and explains what this means for both our most personal sense of who we are as individuals and also the large-scale social, political, and economic forces that drive human history. Includes black-and-white illustrations.

Don't let them drop German! A major growing concern in schools is the decline in the number of language students and the impact this could have on your department. Which is why we've developed Na klar! - the only course to captivate all your students and help keep German alive in your school!

Deutsch, Na Klar!

First Day of School

Why Bitcoin Matters for Your Freedom, Finances, and Future

555 Fully Conjugated Verbs

Dark Paths

German

Abridged version of a Jewish girl's record of how her family hid from Nazi occupiers in World War II Holland.

Originally titled *Children's and household tales*, The complete Grimm's fairy tales have contained the essential bedtime stories children worldwide for the better part of two centuries. This edition features 201 fairy tales and 10 children's legends, accompanied by over 60 iconic illustrations from Arthur Rackham and a new introduction.

Covers rules of grammar, phrases and idioms, vocabulary, pronunciation, and German culture.

You've probably heard about Bitcoin on the news or heard it being discussed by your friends or colleagues. How come the price keeps changing? Is Bitcoin a good investment? How does it even have value? Why do people keep talking about it like it's going to change the world? The *Little Bitcoin Book* tells the story of what's wrong with money today, and why Bitcoin was invented to provide an alternative to the current system. It describes in simple terms what Bitcoin is, how it works, why it's valuable, and how it affects individual freedom and opportunities of people everywhere - from Nigeria to the Philippines to Venezuela to the United States. This book also includes a Q & A section with some of the most frequently asked questions about Bitcoin. If you want to learn more about this new form of money which continues to gain interest and adoption around the world, then this book is for you.

Book 1 - First Contact

The Third Industrial Revolution

Childhood Acute Lymphoblastic Leukemia

The Little Bitcoin Book

Hammer's German Grammar and Usage

Novel Perspectives on German-Language Comics Studies

Many early novels were cosmopolitan books, read from London to Leipzig and beyond, available in nearly simultaneously into French, English, German, and other European languages. In *Novel Translations*, Bethany Wiggin charts just one of the ways in which newness—in its avatars as fashion, novelties, and the novel—entered the European world in the decades around 1800. As readers across Europe snapped up novels, they domesticated the genre. Across borders, the novel lent readers every suggestion of sophistication, a familiarity with circumstances beyond their local ken. Into the eighteenth century, the

novel was not German at all; rather, it was French, as suggested by Germans' usage of the French word Roman to describe a variety of genres: pastoral romances, war and travel chronicles, heroic narratives, and courtly fictions. Carried in large coattails of the Huguenot diaspora, these romans, nouvelles, amours secrets, histoires galantes, and histories scandales introduced French literary culture to a previously unrecognized extent. Wiggin contends that this French chapter in the German literary tradition began to draw to a close only in the 1720s, more than sixty years after the word first migrated into German. Only the word Roman go native; it remained laden with the baggage from its "French" origins even into the nineteenth century.

Do you know what "quatrefoil" and "impolitic" mean? What about "halcyon" or "narcolepsy"? This book is a handy, easy-to-use reference guide to the proper parlance for any situation. In this book you will find: Words You Absolutely Should Know (exonerate, perimeter); Words You Should Know But Probably Don't (dour, incendiary, scintilla); Words Most People Don't Know (schlimazel, thaumaturgy, epergne); Words You Should Know to Sound Overeducated (ad infinitum, nugatory, garrulity); Words You Probably Shouldn't Know (priapic, damnatory, labia majora); and more. Whether writing an essay, studying for a test, or simply impressing friends, family, and fellow cocktail party guests with their prolixity, you will achieve magniloquence, ebullience, and a certain amount of rhetorical brilliance.

German A Self-Teaching Guide Learn German at your own pace Sprechen Sie Deutsch? Now you can learn how--quickly and easily--with a practical guide that gives you the tools you need to speak and understand German. Completely revised and updated with applications of the new German spelling rules, this user-friendly guide provides you with the basic vocabulary and grammar you need to start speaking German right away. It includes more than 1,000 of the most frequently used words in both German and English-German lists, clear explanations of German grammatical structures, entertaining mini-dialogues from real-life situations that demonstrate modern usage, and cultural notes that give fresh insight into contemporary German society. German Teaching Guides, German allows you to build gradually on what you have learned--at your own pace. Questions and exercises reinforce the information in each chapter and allow you to skip ahead or focus on specific areas of concern. Packed with up-to-date information, this clear, concise volume is a valuable learning tool and reference source for anyone who wants to improve or her understanding of basic German. See inside for CD and audiocassette ordering information.

Na Klar! 2 Student's Book (Higher)

On Revolution

Novel Translations

Oscar Wilde in Vienna

An Introductory German Course

High Resolution Imaging in Microscopy and Ophthalmology