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# Xlrd Read The Docs

**Yijin Wang**



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tools such as the ArcGIS API for Python Using Python this book will guide you from basic Python scripting to advanced ArcPy script tools This book starts off with setting up your Python environment for ArcGIS automation Then you will learn how to output maps using ArcPy in MXD and update feature class in a geodatabase using arcpy and ArcGIS Online Next you will be introduced to ArcREST library followed by examples on querying updating and manipulating ArcGIS Online feature services Further you will be enabling your scripts in the browser and directly interacting with ArcGIS Online using Jupyter notebook Finally you can learn ways to use of ArcPy to control ArcGIS Enterprise and explore topics on deployments data quality assurances data updates version control and editing safeguards By the end of the book you will be equipped with the knowledge required to create automated analysis with administration reducing the time consuming nature of GIS Style and approach The book takes a pragmatic approach showing ways to automate repetitive tasks and utilizing features of ArcPy with ArcGIS Pro and ArcGIS online

*Big data con python* Rafael Caballero Roldán, Enrique Martín Martín, Adrián Riesco Rodríguez, 2019-10-30 Para lograr analizar datos y convertirlos en informaci n el primer paso es ser capaz de incorporarlos a nuestro programa esto es cargar los datos En este cap tulo discutimos la adquisici n de datos desde fichero por lo que en primer lugar es necesario plantearse una serie de preguntas qu son datos Su adquisici n se limita a descargar datos de internet Es capaz el lenguaje Python de entender cualquier fuente de informaci n tales como texto im genes audio y v deo Puedo obtener informaci n de cualquier fuente como p ginas oficiales del gobierno peri dicos redes sociales y foros de opini n Aunque en general entendemos por datos cualquier tipo de informaci n que se almacena en un ordenador en el contexto de este libro usaremos datos para referirnos a colecciones de elementos con una serie de atributos

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the latest features of Python and be able to build powerful tools that will solve challenging real world tasks What you will learn Understand how to install Python and debug Python scripts Understand and write scripts for automating testing and routine administrative activities Understand how to write scripts for text processing encryption decryption and archiving Handle files such as pdf excel csv and txt files and generate reports Write scripts for remote network administration including handling emails Build interactive tools using a graphical user interface Handle Apache log files SOAP and REST APIs communication Automate database administration and perform statistical analysis Who this book is for This book would be ideal for users with some basic understanding of Python programming and who are interested in scaling their programming skills to command line scripting and system administration Prior knowledge of Python would be necessary *Julia 1.0 Programming Cookbook* Bogumił Kamiński, Przemysław Szufel, 2018-11-29 Discover the new features and widely used packages in Julia to solve complex computational problems in your statistical applications Key Features Address the core problems of programming in Julia with the most popular packages for common tasks Tackle issues while working with Databases and Parallel data processing with Julia Explore advanced features such as metaprogramming functional programming and user defined types Book Description Julia with its dynamic nature and high performance provides comparatively minimal time for the development of computational models with easy to maintain computational code This book will be your solution based guide as it will take you through different programming aspects with Julia Starting with the new features of Julia 1.0 each recipe addresses a specific problem providing a solution and explaining how it works You will work with the powerful Julia tools and data structures along with the most popular Julia packages You will learn to create vectors handle variables and work with functions You will be introduced to various recipes for numerical computing distributed computing and achieving high performance You will see how to optimize data science programs with parallel computing and memory allocation We will look into more advanced concepts such as metaprogramming and functional programming Finally you will learn how to tackle issues while working with databases and data processing and will learn about on data science problems data modeling data analysis data manipulation parallel processing and cloud computing with Julia By the end of the book you will have acquired the skills to work more effectively with your data What you will learn Boost your code s performance using Julia s unique features Organize data in to fundamental types of collections arrays and dictionaries Organize data science processes within Julia and solve related problems Scale Julia computations with cloud computing Write data to IO streams with Julia and handle web transfer Define your own immutable and mutable types Speed up the development process using metaprogramming Who this book is for This book is for developers who would like to enhance their Julia programming skills and would like to get some quick solutions to their common programming problems Basic Julia programming knowledge is assumed **Python for Finance** Yves Hilpisch, 2014-12-11 The financial industry has adopted Python at a tremendous rate recently with some of the largest investment banks and hedge funds using it to build

core trading and risk management systems This hands on guide helps both developers and quantitative analysts get started with Python and guides you through the most important aspects of using Python for quantitative finance Using practical examples through the book author Yves Hilpisch also shows you how to develop a full fledged framework for Monte Carlo simulation based derivatives and risk analytics based on a large realistic case study Much of the book uses interactive IPython Notebooks with topics that include Fundamentals Python data structures NumPy array handling time series analysis with pandas visualization with matplotlib high performance I O operations with PyTables date time information handling and selected best practices Financial topics mathematical techniques with NumPy SciPy and SymPy such as regression and optimization stochastics for Monte Carlo simulation Value at Risk and Credit Value at Risk calculations statistics for normality tests mean variance portfolio optimization principal component analysis PCA and Bayesian regression Special topics performance Python for financial algorithms such as vectorization and parallelization integrating Python with Excel and building financial applications based on Web technologies

*Python Data Analysis* Ivan Idris, 2014-10-28 This book is for programmers scientists and engineers who have knowledge of the Python language and know the basics of data science It is for those who wish to learn different data analysis methods using Python and its libraries This book contains all the basic ingredients you need to become an expert data analyst

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