
Writing Sql In Python

Data Visualization with Python and JavaScript

Computer Programming JavaScript, Python, HTML, SQL, CSS

Programming Languages

Mastering Django

SQL AND PYTHON Programming

Practical Data Science with Python

Learn SQL Database Programming

Data Science for Beginners, Data Analysis with Python, SQL Computer Programming
for Beginners, Statistics for Beginners

THE UNDOCUMENTED INTERNALS OF THE BITCOIN ETHEREUM AND BLOCKCHAINS

Django for Beginners

Foundations for Analytics with Python

SQL for Data Analytics

SQL Pocket Guide

Computer Programming

SQL

Python 101

Python Made Easy
Head First Python
SQLAlchemy
SQL and Python Programming
Data Modeling Essentials
Computer Programming
Developing Analytic Talent
Python Web Programming
POSTGRESQL FOR PYTHON GUI
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Learning Spark
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Mastering Django: Core
Mastering Python: a Comprehensive Guide
SQL
Learn SQL with MySQL
Learn Python

The Definitive Guide to Django
A PROGRESSIVE TUTORIAL TO DATABASE PROGRAMMING WITH PYTHON GUI AND
POSTGRESQL
Python Web Development with Django

Writing Sql In Python

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GAVIN STEWART

Data Visualization with Python and JavaScript Addison-Wesley Professional
LEARN ANY COMPUTER LANGUAGE IN ONE DAY OR LESS! If you're new to programming and are looking for the best languages to build your coding chops and prepare yourself for a lucrative career in the tech industry, you're in the right place. In this special book you'll be shown all the programming languages that will help

you build a solid foundation in programming. Once you're able to pick up these languages, learning other programming languages, no matter how tough, will become a breeze. Here's what you're going to learn in SQL: Step-by-step instructions to install MySQL on your computer How to create your first database in SQL according to your database needs Basic and advanced database manipulation instructions to help you delete, rename and backup your database A comprehensive guide to control flow tools to help you carry out advanced business logic ...and more! In

Linux, you're going to discover: Step-by-step instructions to set up and install Debian/GNU Linux How to master the Linux command line tool or terminal List of commands that will help you navigate your computer using the Linux terminal ...and much more! Here's a snippet of what you're going to learn in Python: Step-by-step instructions to download, install and set up Python on your computer A crash guide to Python basics to help you build a solid programming foundation Best practices to help you write clean, understandable and flexible code when writing programs in Python Introduction to basic data types in Python--numbers, lists, tuples, sets, etc ...and lots more! In C# for Beginners, you're going to learn: How to set up and install C# in Windows and Mac How to

use Language Integrated Query (LINQ) to manipulate databases and retrieve data from different sources and formats Game development with C#--structures, textures, unit collision, etc ...and much more! Here's what you're going to discover in Arduino for Beginners: Step-by-step instructions to set up your first Arduino project Everything you need to know about the fundamentals of Arduino coding How to start coding and write your very first Arduino program Troubleshooting common mistakes beginners make when trying to create an Arduino project Practical projects and examples to help you practice and reinforce your learning ...and lots more! Finally, in Java, you're going to learn: How to install the Java Development Kit (JDK) and NetBeans without headaches

The essential basics of Java you absolutely need to know about, from tokens and keywords to operators and comments How to control program flow with decision making control structures and control flow statements Using Java classes to help you write clean, understandable and maintainable code Surefire tips and tricks to help you shorten the Java programming learning curve ...and tons more! ...BONUS BOOKS!! 1) C# Programming For Intermediates 2) Arduino Programming for Intermediates! Designed with the novice programmer in mind, this special collection will take you by the hand and show you how to master four programming languages that are in high demand in today's tech industry and equip you with the skills you need to

thrive. Scroll to the top of the page and click the "Buy Now" button to get started today!

Computer Programming JavaScript, Python, HTML, SQL, CSS Notion Press
Learn how to program with Python from beginning to end. This book is for beginners who want to get up to speed quickly and become intermediate programmers fast!

Programming Languages Computer Programming

Computer ProgrammingNew Begin LTD

Mastering Django Damon Parker

Learn to effectively manage data and execute data science projects from start to finish using Python Key

FeaturesUnderstand and utilize data science tools in Python, such as specialized machine learning algorithms

and statistical modeling. Build a strong data science foundation with the best data science tools available in Python. Add value to yourself, your organization, and society by extracting actionable insights from raw data. **Book Description** Practical Data Science with Python teaches you core data science concepts, with real-world and realistic examples, and strengthens your grip on the basic as well as advanced principles of data preparation and storage, statistics, probability theory, machine learning, and Python programming, helping you build a solid foundation to gain proficiency in data science. The book starts with an overview of basic Python skills and then introduces foundational data science techniques, followed by a thorough explanation of

the Python code needed to execute the techniques. You'll understand the code by working through the examples. The code has been broken down into small chunks (a few lines or a function at a time) to enable thorough discussion. As you progress, you will learn how to perform data analysis while exploring the functionalities of key data science Python packages, including pandas, SciPy, and scikit-learn. Finally, the book covers ethics and privacy concerns in data science and suggests resources for improving data science skills, as well as ways to stay up to date on new data science developments. By the end of the book, you should be able to comfortably use Python for basic data science projects and should have the skills to execute the data science process on any

data source. What you will learn
Use Python data science packages effectively
Clean and prepare data for data science work, including feature engineering and feature selection
Data modeling, including classic statistical models (such as t-tests), and essential machine learning algorithms, such as random forests and boosted models
Evaluate model performance
Compare and understand different machine learning methods
Interact with Excel spreadsheets through Python
Create automated data science reports through Python
Get to grips with text analytics techniques
Who this book is for
The book is intended for beginners, including students starting or about to start a data science, analytics, or related program (e.g. Bachelor's,

Master's, bootcamp, online courses), recent college graduates who want to learn new skills to set them apart in the job market, professionals who want to learn hands-on data science techniques in Python, and those who want to shift their career to data science. The book requires basic familiarity with Python. A "getting started with Python" section has been included to get complete novices up to speed.

SQL AND PYthon Programming Apress Data Modeling Essentials, Third Edition, covers the basics of data modeling while focusing on developing a facility in techniques, rather than a simple familiarization with "the rules". In order to enable students to apply the basics of data modeling to real models, the book addresses the realities of developing

systems in real-world situations by assessing the merits of a variety of possible solutions as well as using language and diagramming methods that represent industry practice. This revised edition has been given significantly expanded coverage and reorganized for greater reader comprehension even as it retains its distinctive hallmarks of readability and usefulness. Beginning with the basics, the book provides a thorough grounding in theory before guiding the reader through the various stages of applied data modeling and database design. Later chapters address advanced subjects, including business rules, data warehousing, enterprise-wide modeling and data management. It includes an entirely new section discussing the

development of logical and physical modeling, along with new material describing a powerful technique for model verification. It also provides an excellent resource for additional lectures and exercises. This text is the ideal reference for data modelers, data architects, database designers, DBAs, and systems analysts, as well as undergraduate and graduate-level students looking for a real-world perspective. Thorough coverage of the fundamentals and relevant theory. Recognition and support for the creative side of the process. Expanded coverage of applied data modeling includes new chapters on logical and physical database design. New material describing a powerful technique for model verification. Unique coverage of

the practical and human aspects of modeling, such as working with business specialists, managing change, and resolving conflict.

Practical Data Science with Python

Publishing Factory

If you use SQL in your day-to-day work as a data analyst, data scientist, or data engineer, this popular pocket guide is your ideal on-the-job reference. You'll find many examples that address the language's complexities, along with key aspects of SQL used in Microsoft SQL Server, MySQL, Oracle Database, PostgreSQL, and SQLite. In this updated edition, author Alice Zhao describes how these database management systems implement SQL syntax for both querying and making changes to a database. You'll find details on data types and

conversions, regular expression syntax, window functions, pivoting and unpivoting, and more. Quickly look up how to perform specific tasks using SQL Apply the book's syntax examples to your own queries Update SQL queries to work in five different database management systems NEW: Connect Python and R to a relational database NEW: Look up frequently asked SQL questions in the "How Do I?" chapter

Learn SQL Database Programming

Mikcorp Limited

The definitive guide to database access with the SQLAlchemy Python library - co-authored by SQLAlchemy's creator! ° Demystifies the problem of object-relational mapping, and shows Python developers exactly how to overcome it ° The first book to deliver insider

knowledge about the entire SQLAlchemy feature set, from basic to advanced: both SQL and object-relational features. Packed with tips for writing more robust, scalable, faster, database software: higher-quality code that's easier to maintain. Summary Authors Mark Ramm and Michael Bayer begin by helping Python developers clearly understand the challenges of object-relational mapping that led to SQLAlchemy's creation. Next, they help developers quickly get up to speed on SQLAlchemy's core features, so they can write efficient database-driven applications more rapidly. Once developers have mastered the essentials, Ramm and Bayer illuminate SQLAlchemy's deeper features, showing how to use them to write code that's faster, more efficient,

and far easier to maintain. This book thoroughly covers SQLAlchemy's SQL construction API, database engine, metadata system, sophisticated object-relational mapper, dialects for multiple databases, and much more. Along the way, the authors introduce best practices for overcoming the challenges of object-relational mapping; and demonstrate how to harness the power of both object-oriented programming and relational algebra to write faster software with fewer defects.

Data Science for Beginners, Data Analysis with Python, SQL Computer Programming for Beginners, Statistics for Beginners Lulu.com

Learn what it takes to succeed in the most in-demand tech job Harvard Business Review calls it the sexiest tech

job of the 21st century. Data scientists are in demand, and this unique book shows you exactly what employers want and the skill set that separates the quality data scientist from other talented IT professionals. Data science involves extracting, creating, and processing data to turn it into business value. With over 15 years of big data, predictive modeling, and business analytics experience, author Vincent Granville is no stranger to data science. In this one-of-a-kind guide, he provides insight into the essential data science skills, such as statistics and visualization techniques, and covers everything from analytical recipes and data science tricks to common job interview questions, sample resumes, and source code. The applications are endless and varied:

automatically detecting spam and plagiarism, optimizing bid prices in keyword advertising, identifying new molecules to fight cancer, assessing the risk of meteorite impact. Complete with case studies, this book is a must, whether you're looking to become a data scientist or to hire one. Explains the finer points of data science, the required skills, and how to acquire them, including analytical recipes, standard rules, source code, and a dictionary of terms Shows what companies are looking for and how the growing importance of big data has increased the demand for data scientists Features job interview questions, sample resumes, salary surveys, and examples of job ads Case studies explore how data science is used on Wall Street, in botnet detection,

for online advertising, and in many other business-critical situations. Developing Analytic Talent: Becoming a Data Scientist is essential reading for those aspiring to this hot career choice and for employers seeking the best candidates.

THE UNDOCUMENTED INTERNALS OF THE BITCOIN ETHEREUM AND BLOCKCHAINS Addison-Wesley

Python programming language has rendered itself as the language of choice for coding beginners and advanced software programmers alike. This book is written to help you master the basic concepts of Python coding and how you can utilize your coding skills to analyze a large volume of data and uncover valuable information that can otherwise be easily lost in the volume. It was designed primarily to emphasize the

readability of the programming code, and its syntax enables programmers to convey ideas using fewer lines of code. Python programming language increases the speed of operation while allowing for higher efficiency in creating system integrations. Some of the highlights of the book include: - Key features and advantages of learning to code Python as well as the history of how Python programming was created - Step-by-step instructions on how to install Python on your operating systems (Windows, Mac, and Linux) - The concept of Python data types is presented in exquisite detail with various examples of each data type - How to create Python variables - Comprehensive lists of a variety of built-in functions and methods supported by Python - Basic concepts of writing

efficient and effective Python codes, focusing on various programming elements - How to write if and else statements to retrieve desired information from your data - For and While loops are explained with explicit details in an easy-to-understand language - Basic concepts of big data analysis and machine learning algorithms - A brief overview of various renowned machine learning libraries All the concepts are explained with standard Python coding syntax supported with relevant examples and followed by exercises to help you test and verify your understanding of those concepts. Finally, as an added bonus you will learn some Python tips and tricks to take your machine learning programming game to the next level.

Remember, knowledge is power, and with the great power you will gather from this book, you will be armed to make sound personal and professional technological choices. Your Python programming skillset will improve drastically, and you will be poised to develop your very own machine learning model! Don't you think it can be that easy? If you really want to have proof of all this, don't waste any more time! Grab your copy now!

Django for Beginners "O'Reilly Media, Inc."

Completely updated for Django 4.2! Django for Beginners is a project-based introduction to Django, the popular Python-based web framework. Suitable for total beginners who have never built a website before as well as professional

programmers looking for a fast-paced guide to modern web development and Django fundamentals. In the book you'll learn how to:

- * Build 5 websites from scratch, including a Blog and Newspaper
- * Deploy online using security best practices
- * Implement signup, login, logout, password change, and password reset
- * Customize the look and feel of your sites
- * Write tests and run them for all your code
- * Add permissions and authorizations to make your app more secure

If you're curious about Python-based web development, *Django for Beginners* is a best-practices guide to writing and deploying your own websites quickly.

Foundations for Analytics with Python

Jose Americo Paiva Moreira

A Python community leader teaches

professionals how to integrate web applications with Python.

SQL for Data Analytics

WelcomeToCode

How do you turn raw, unprocessed, or malformed data into dynamic, interactive web visualizations? In this practical book, author Kyran Dale shows data scientists and analysts--as well as Python and JavaScript developers--how to create the ideal toolchain for the job. By providing engaging examples and stressing hard-earned best practices, this guide teaches you how to leverage the power of best-of-breed Python and JavaScript libraries. Python provides accessible, powerful, and mature libraries for scraping, cleaning, and processing data. And while JavaScript is the best language when it comes to

programming web visualizations, its data processing abilities can't compare with Python's. Together, these two languages are a perfect complement for creating a modern web-visualization toolchain. This book gets you started. You'll learn how to: Obtain data you need programmatically, using scraping tools or web APIs: Requests, Scrapy, BeautifulSoup Clean and process data using Python's heavyweight data processing libraries within the NumPy ecosystem: Jupyter notebooks with pandas+Matplotlib+Seaborn Deliver the data to a browser with static files or by using Flask, the lightweight Python server, and a RESTful API Pick up enough web development skills (HTML, CSS, JS) to get your visualized data on the web Use the data you've mined and refined

to create web charts and visualizations with Plotly, D3, Leaflet, and other libraries

SQL Pocket Guide William Alvin Newton

This book is a Python/PostgreSQL version of the Python/MySQL book which was written by the author. What underlies the writing of this book is the growing popularity of the PostgreSQL database server lately and more and more programmers migrating from MySQL to PostgreSQL. In this book, you will learn to build a school database project, step by step. A number of widgets from PyQt will be used for the user interface. In the first and second chapter, you will get introduction of postgresql. And then, you will learn querying data from the postgresql using Python including

establishing a database connection, creating a statement object, executing the query, processing the resultset object, querying data using a statement that returns multiple rows, querying data using a statement that has parameters, inserting data into a table using Python, updating data in postgresql database using Python, calling postgresql stored function using Python, deleting data from a postgresql table using Python, and postgresql Python transaction. In the fourth chapter, you will study: Creating the initial three table in the School database project: Teacher table, Class table, and Subject table; Creating database configuration files; Creating a Python GUI for viewing and navigating the contents of each table. Creating a Python GUI for inserting and editing

tables; and Creating a Python GUI to merge and query the three tables. In last chapter, you will learn: Creating the main form to connect all forms; Creating a project that will add three more tables to the school database: the Student table, the Parent table, and the Tuition table; Creating a Python GUI to view and navigate the contents of each table; Creating a Python GUI for editing, inserting, and deleting records in each table; Create a Python GUI to merge and query the three tables and all six tables. Computer Programming Publishing Factory

★★★Buy the paperback version of this book and get the kindle version FREE★★★ Within this book, you will find 2 Books IN 1.... SQL Programming: The Ultimate Step By Step Guide to Learning

SQL for Total Beginners, as well as Python Programming: A Pragmatic Approach To Programming Python for Total Beginners. Between both books, you will gain an incredible insight into the world of both the SQL and Python programming languages, and you will really be set up for success with learning to code! Below are the specifics of what each book contains, starting with Python, and then SQL: Are you interested in learning how to write your own codes? Have you always been interested in seeing how coding works, and learning more about how certain programs work? Do technology and computers interest you but you just don't know where to start? If this sounds like something that interests you, then the Python coding language may be the

right option for you. The Python language is one of the preferred coding languages for you to learn how to use. It has a lot of power, an extensive library, the capabilities to be expanded to work with other programs and more, and a great community to help answer your questions and guide you along your journey to learning coding. As a coding language designed for everyone, even beginners, there is just so much that you are able to do when working with the Python language. As a business, it is likely that you will need to hold onto a lot of data. Some of this data is going to be about your customers, like their name, address, credit card information, and more. And some of that information is going to be about your products and services. You want to make sure that

any and all information that your business has will stay organized, secure, and easy to sort through when it is needed. This is where the SQL language is going to come into play. It can bring out the queries that you need in no time and can help you to keep the information organized so that you can find it when it is needed. Some of the different topics that we are going to explore when it comes to using the SQL database includes: ★The basics of SQL. ★Some of the commands that you should use with this language. ★Understanding some of the different data types that can show up. ★How to manage the object in SQL. ★Doing your own searches and seeing how the results come up.; ★Relational database concepts. ★How to define some of the

data that you need in SQL. ★Working with queries, views, and indexing. ★Database security ★How to use all of this in real-world situations. There is so much that you are able to enjoy when it comes to working with the SQL database. You will be able to finally keep all of your customer and product information stored properly, and you and the customer can pull it up as soon as you need. When you are ready to get started with the SQL database, make sure to read this book to help you get started. Between both books, you have everything you need to get started with programming SQL and Python at a very high level. Scroll up to the top of this page and click the Buy Now Button and begin writing your own codes in SQL and Python today!

SQL Packt Publishing Ltd

Learn everything you need to know to build efficient SQL queries using this easy-to-follow beginner's guide

Key Features

- Explore all SQL statements in depth using a variety of examples
- Get to grips with database querying, data aggregate, manipulation, and much more
- Understand how to explore and process data of varying complexity to tell a story

Book Description SQL is a powerful querying language that's used to store, manipulate, and retrieve data, and it is one of the most popular languages used by developers to query and analyze data efficiently. If you're looking for a comprehensive introduction to SQL, *Learn SQL Database Programming* will help you to get up to speed with using SQL to streamline your

work in no time. Starting with an overview of relational database management systems, this book will show you how to set up and use MySQL Workbench and design a database using practical examples. You'll also discover how to query and manipulate data with SQL programming using MySQL Workbench. As you advance, you'll create a database, query single and multiple tables, and modify data using SQL querying. This SQL book covers advanced SQL techniques, including aggregate functions, flow control statements, error handling, and subqueries, and helps you process your data to present your findings. Finally, you'll implement best practices for writing SQL and designing indexes and tables. By the end of this SQL

programming book, you'll have gained the confidence to use SQL queries to retrieve and manipulate data. What you will learn

Install, configure, and use MySQL Workbench to restore a database

Explore different data types such as string, numeric, and date and time

Query a single table using the basic SQL SELECT statement and the FROM, WHERE, and ORDER BY clauses

Query multiple tables by understanding various types of table relationships

Modify data in tables using the INSERT, UPDATE, and DELETE statements

Use aggregate functions to group and summarize data

Detect bad data, duplicates, and irrelevant values while processing data

Who this book is for This book is for business analysts, SQL developers, database administrators, and students

learning SQL. If you want to learn how to query and manipulate SQL data for database administration tasks or simply extract and organize relevant data for analysis, you'll find this book useful. No prior SQL experience is required.

Python 101 Sams Publishing

If you're like many of Excel's 750 million users, you want to do more with your data—like repeating similar analyses over hundreds of files, or combining data in many files for analysis at one time. This practical guide shows ambitious non-programmers how to automate and scale the processing and analysis of data in different formats—by using Python. After author Clinton Brownley takes you through Python basics, you'll be able to write simple scripts for processing data in spreadsheets as well as databases.

You'll also learn how to use several Python modules for parsing files, grouping data, and producing statistics. No programming experience is necessary. Create and run your own Python scripts by learning basic syntax Use Python's csv module to read and parse CSV files Read multiple Excel worksheets and workbooks with the xlrd module Perform database operations in MySQL or with the mysqlclient module Create Python applications to find specific records, group data, and parse text files Build statistical graphs and plots with matplotlib, pandas, ggplot, and seaborn Produce summary statistics, and estimate regression and classification models Schedule your scripts to run automatically in both Windows and Mac environments

Python Made Easy Apress

As an aspiring data scientist, you appreciate why organizations rely on data for important decisions--whether it's for companies designing websites, cities deciding how to improve services, or scientists discovering how to stop the spread of disease. And you want the skills required to distill a messy pile of data into actionable insights. We call this the data science lifecycle: the process of collecting, wrangling, analyzing, and drawing conclusions from data. Learning Data Science is the first book to cover foundational skills in both programming and statistics that encompass this entire lifecycle. It's aimed at those who wish to become data scientists or who already work with data scientists, and at data analysts who wish to cross the

"technical/nontechnical" divide. If you have a basic knowledge of Python programming, you'll learn how to work with data using industry-standard tools like pandas. Refine a question of interest to one that can be studied with data Pursue data collection that may involve text processing, web scraping, etc. Glean valuable insights about data through data cleaning, exploration, and visualization Learn how to use modeling to describe the data Generalize findings beyond the data

Head First Python SPARTA PUBLISHING
In this book, you will create two desktop applications using Python GUI and PostgreSQL. This book is a Python/PostgreSQL version of the Python/MySQL book which was written by the author. What underlies the writing

of this book is the growing popularity of the PostgreSQL database server lately and more and more programmers migrating from MySQL to PostgreSQL. In this book, you will learn to build a school database project, step by step. A number of widgets from PyQt will be used for the user interface. In the first and second chapter, you will get introduction of postgresql. And then, you will learn querying data from the postgresql using Python including establishing a database connection, creating a statement object, executing the query, processing the resultset object, querying data using a statement that returns multiple rows, querying data using a statement that has parameters, inserting data into a table using Python, updating data in postgresql database

using Python, calling postgresql stored function using Python, deleting data from a postgresql table using Python, and postgresql Python transaction. In the fourth chapter, you will study: Creating the initial three table in the School database project: Teacher table, Class table, and Subject table; Creating database configuration files; Creating a Python GUI for viewing and navigating the contents of each table. Creating a Python GUI for inserting and editing tables; and Creating a Python GUI to merge and query the three tables. In chapter five, you will learn: Creating the main form to connect all forms; Creating a project that will add three more tables to the school database: the Student table, the Parent table, and the Tuition table; Creating a Python GUI to view and

navigate the contents of each table; Creating a Python GUI for editing, inserting, and deleting records in each table; Create a Python GUI to merge and query the three tables and all six tables. In chapter six, you will create dan configure PotgreSQL database. In this chapter, you will create Suspect table in crime database. This table has eleven columns: suspect_id (primary key), suspect_name, birth_date, case_date, report_date, suspect_status, arrest_date, mother_name, address, telephone, and photo. You will also create GUI to display, edit, insert, and delete for this table. In chapter seven, you will create a table with the name Feature_Extraction, which has eight columns: feature_id (primary key), suspect_id (foreign key), feature1,

feature2, feature3, feature4, feature5, and feature6. The six fields (except keys) will have a VARCHAR data type (200). You will also create GUI to display, edit, insert, and delete for this table. In chapter eight, you will create two tables, Police and Investigator. The Police table has six columns: police_id (primary key), province, city, address, telephone, and photo. The Investigator table has eight columns: investigator_id (primary key), investigator_name, rank, birth_date, gender, address, telephone, and photo. You will also create GUI to display, edit, insert, and delete for both tables. In chapter nine, you will create two tables, Victim and Case_File. The Victim table has nine columns: victim_id (primary key), victim_name, crime_type, birth_date, crime_date, gender, address,

telephone, and photo. The Case_File table has seven columns: case_file_id (primary key), suspect_id (foreign key), police_id (foreign key), investigator_id (foreign key), victim_id (foreign key), status, and description. You will create GUI to display, edit, insert, and delete for both tables as well.

SQLAlchemy Independently Published
Take your first steps to becoming a fully qualified data analyst by learning how to explore complex datasets
Key Features
Master each concept through practical exercises and activities
Discover various statistical techniques to analyze your data
Implement everything you've learned on a real-world case study to uncover valuable insights
Book Description
Every day, businesses operate around the clock, and a huge

amount of data is generated at a rapid pace. This book helps you analyze this data and identify key patterns and behaviors that can help you and your business understand your customers at a deep, fundamental level. SQL for Data Analytics, Third Edition is a great way to get started with data analysis, showing how to effectively sort and process information from raw data, even without any prior experience. You will begin by learning how to form hypotheses and generate descriptive statistics that can provide key insights into your existing data. As you progress, you will learn how to write SQL queries to aggregate, calculate, and combine SQL data from sources outside of your current dataset. You will also discover how to work with advanced data types, like JSON. By

exploring advanced techniques, such as geospatial analysis and text analysis, you will be able to understand your business at a deeper level. Finally, the book lets you in on the secret to getting information faster and more effectively by using advanced techniques like profiling and automation. By the end of this book, you will be proficient in the efficient application of SQL techniques in everyday business scenarios and looking at data with the critical eye of analytics professional. What you will learn Use SQL to clean, prepare, and combine different datasets Aggregate basic statistics using GROUP BY clauses Perform advanced statistical calculations using a WINDOW function Import data into a database to combine with other tables Export SQL query results into

various sources Analyze special data types in SQL, including geospatial, date/time, and JSON data Optimize queries and automate tasks Think about data problems and find answers using SQL Who this book is for If you're a database engineer looking to transition into analytics or a backend engineer who wants to develop a deeper understanding of production data and gain practical SQL knowledge, you will find this book useful. This book is also ideal for data scientists or business analysts who want to improve their data analytics skills using SQL. Basic familiarity with SQL (such as basic SELECT, WHERE, and GROUP BY clauses) as well as a good understanding of linear algebra, statistics, and PostgreSQL 14 are necessary to make the most of this

SQL data analytics book.

SQL and Python Programming GNW
Independent Publishing

Delivers absolutely everything you will ever need to know to become a master Django programmer About This Book Gain a complete understanding of Django—the most popular, Python-based web framework in the world Gain the skills to successfully designing, developing, and deploying your app This book is packaged with fully described code so you can learn the fundamentals and the advanced topics to get a complete understanding of all of Django's core functions Who This Book Is For This book assumes you have a basic understanding of the Internet and programming. Experience with Python or Django would be an advantage, but is

not necessary. It is ideal for beginner to intermediate programmers looking for a fast, secure, scalable, and maintainable alternative web development platform to those based on PHP, Java, and dotNET. What You Will Learn Use Django to access user-submitted form data, validate it, and work with it Get to know advanced URLconf tips and tricks Extend Django's template system with custom code Define models and use the database API to create, retrieve, update, and delete records Fully extend and customize the default implementation as per your project's needs Test and deploy your Django application Get to know more about Django's session, cache Framework, and middleware In Detail Mastering Django: Core is a completely revised and updated version of the

original Django Book, written by Adrian Holovaty and Jacob Kaplan-Moss - the creators of Django. The main goal of this book is to make you a Django expert. By reading this book, you'll learn the skills needed to develop powerful websites quickly, with code that is clean and easy to maintain. This book is also a programmer's manual that provides complete coverage of the current Long Term Support (LTS) version of Django. For developers creating applications for commercial and business critical deployments, Mastering Django: Core provides a complete, up-to-date resource for Django 1.8LTS with a stable code-base, security fixes and support out to 2018. Style and approach This comprehensive step-by-step practical guide offers a thorough understanding of

all the web development concepts related to Django. In addition to explaining the features of Django, this

book provides real-world experience on how these features fit together to build extraordinary apps.

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