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Sage are backward compatible i.e. easily applicable to other software systems such as Mathematica Sage is open source software and uses Python like syntax Previous Python programming experience is not a requirement for the reader though familiarity with any programming language is a plus Moreover the code can be written using any web browser and is therefore useful with Laptops Tablets iPhones Smartphones etc All Sage code that is presented in the text is openly available on SpringerLink com

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Step By Step Database Programming using Python GUI & MySQL Hamzan Wadi, This book provides a practical explanation of database programming using Python GUI MySQL The discussion in this book is presented in step by step so that it will help readers understand each material and also will make it easier for the readers to follow all of the instructions This book is very suitable for students programmers and anyone who want to learn database programming using Python GUI MySQL from scratch This book is divided into two parts The first part of this book will discuss about the fundamentals of database programming using Python GUI MySQL This part will discuss in detail about how to setup your working environment and how to understand GUI programming using Python This part will also discuss in detail about how to start your database programming using Python GUI MySQL This part will discuss in detail about the basic of database programming using Python GUI MySQL The second part of this book will discuss about how to build database application using Python GUI MySQL This part will discuss in detail about how to build Multiple Document Interface MDI database application through real project based example This part will discuss in detail about how to design and create database for Library Management System application and how to create all forms for the application The final objective of this book is that the readers are able to create real database application using Python GUI MySQL Here are the materials that you will learn in this book

PART I THE FUNDAMENTAL OF DATABASE PROGRAMMING USING PYTHON GUI MySQL

CHAPTER 1 The discussion in this chapter will guide you in preparing what software are needed to start your database programming using Python GUI This

chapter will guide you to install all software including Python MySQL and Qt Designer In addition this chapter also will discuss about how to understand and use Qt Designer for user interface design and how to create a GUI application using Python and Qt Designer CHAPTER 2 The discussion in this chapter will guide you to start your database programming using Python GUI MySQL This chapter will discuss in detail about the basic of database programming using Python GUI MySQL The discussion in this chapter will talk about how to create and drop database how to create and drop table how to insert data into table how to display data from table how to update data in table and how to delete data in table All discussions in this chapter will give you deep understanding of database programming using Python GUI MySQL PART II BUILDING DATABASE APPLICATION USING PYTHON GUI MySQL CASE STUDY LIBRARY MANAGEMENT SYSTEM APPLICATION CHAPTER 3 The discussion in this chapter will guide you to design and create database for library management system application This is the first step that must be taken to create database application using Python GUI MySQL This chapter will discuss in detail about how to design the Entity Relationship Diagram ERD for library management system application The discussion in this chapter will also talk about how to create database and its tables based on the ERD design using MySQL server CHAPTER 4 The discussion in this chapter will guide you to create main form and login form for the application This chapter will discuss in detail about how to create these two forms These forms are the first two forms that we will create in building library management system application This chapter will also discuss about how to run the application CHAPTER 5 The discussion in this chapter will guide you to create user accounts form and members form for Library Management System application This chapter will discuss in detail about how to create these two forms This chapter will also discuss about how to add these two forms as MDI sub windows of the main form And the final discussion of this chapter will guide you to use the forms to manage user accounts and members data of Library Management System application CHAPTER 6 The discussion in this chapter will guide you to create authors form genres form and books form for Library Management System application This chapter will discuss in detail about how to create these three forms This chapter will also discuss about how to add books form as MDI sub window of the main form And the final discussion of this chapter will guide you to use the forms to manage authors genres and books data in Library Management System application CHAPTER 7 The discussion in this chapter will guide you to create member search form book search form and loan transaction form for Library Management System application This chapter will discuss in detail about how to create these three forms This chapter will also discuss about how to add loan transaction form as MDI sub window of the main form And the final discussion of this chapter will guide you to use the forms to manage loan transactions in Library Management System application CHAPTER 8 The discussion in this chapter will guide you to create members statistic form books statistic form and loan statistic form for Library Management System application This chapter will discuss in detail about how to create these three forms This chapter will also discuss about how to add all of the forms as MDI sub windows of the main form And

the final discussion of this chapter will guide you to use all of the forms to display the statistics in the library

American Book Publishing Record, 2006

Deep Learning Models and its application: An overview with the help of R software: Second in series (Machine Learning) Editor IJSMI, 2019-02-09 Deep Learning Models and its application An overview with the help of R software Preface Deep learning models are widely used in different fields due to its capability to handle large and complex datasets and produce the desired results with more accuracy at a greater speed In Deep learning models features are selected automatically through the iterative process wherein the model learns the features by going deep into the dataset and selects the features to be modeled In the traditional models the features of the dataset needs to be specified in advance The Deep Learning algorithms are derived from Artificial Neural Network concepts and it is a part of broader Machine Learning Models This book intends to provide an overview of Deep Learning models its application in the areas of image recognition classification sentiment analysis natural language processing stock market prediction using R statistical software package an open source software package The book also includes an introduction to python software package which is also open source software for the benefit of the users This books is a second book in series after the author s first book Machine Learning An Overview with the Help of R Software <https://www.amazon.com/dp/B07KQSN447> Editor International Journal of Statistics and Medical Informatics www.ijsmi.com book php

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Starting Out with Python® Tony Gaddis, 2019 In Starting Out with Python 4th Edition Tony Gaddis accessible coverage introduces students to the basics of programming in a high level language Python an easy to learn and increasingly popular object oriented language allows readers to become comfortable with the fundamentals of programming without the troublesome syntax that can be challenging for novices With the knowledge acquired using Python students gain confidence in their skills and learn to recognize the logic behind developing high quality programs Starting Out with Python discusses control structures functions arrays and pointers before objects and classes As with all Gaddis texts clear and easy to read code listings concise and practical real world examples focused explanations and an abundance of exercises appear in every chapter Updates to the 4th Edition include revised improved problems throughout and new Turtle Graphics sections that provide flexibility as assignable optional material page 4 of cover

AB Bookman's Weekly, 1993

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