**Table of Contents**

1. Introduction to Python

1.1. Installation of Python

1.2. Using the Python Interpreter IDLE

1.3. Salient Features of Python

1.4. Basic Syntax of Python

1. Using Variables in Python

2.1. Data Types and Variables

2.2. Numeric Data Types

2.3. String Data Type

2.4. List Data Type

2.5. Tuple Data Type

2.6. Dictionary Data Type

1. Basics of Programming in Python

3.1. Using Conditionals

3.2. Using Loops

3.3. Using Functions

3.4. Using Functions from Built-in Modules and creating modules

1. Principles of Object-oriented Programming (OOP)

4.1. Overview of OOP

4.2. Declaring Class and Creating Object

4.3. Understanding Inheritance

4.4. Understanding Overriding Methods

1. Connecting to SQLite Database

5.1. Introduction to SQL

5.2. Working with SQLite database

5.3. Accessing SQLite Database through Python

1. Developing a GUI with PyQT

6.1. GUI and Event driven programming

6.2. tkinter basics

6.3. Using Common Widgets

1. Project
   1. Problem Statement
   2. Fantasy Cricket
   3. Database Design