**Day 1: Introduction to Python**

Task: Learn the basics of Python, including installation and setting up the environment.

Website: Python.org - Getting Started

**Day 2: Python Syntax and Variables**

Task: Understand Python syntax, variables, and basic data types.

Website: W3Schools - Python Syntax

**Day 3: Basic Operators and Control Flow**

Task: Learn about arithmetic, comparison, logical operators, if-else statements, for loops, and while loops.

Website: Programiz - Python Operators & GeeksforGeeks - Python Control Flow

**Day 4: Functions and Modules**

Task: Understand how to define and call functions and how to use modules.

Website: Real Python - Defining Your Own Python Function & W3Schools - Python Modules

**Day 5: Data Structures (Lists, Tuples, Sets, and Dictionaries)**

Task: Learn about lists, tuples, sets, and dictionaries.

Website: W3Schools - Python Lists, Programiz - Python Tuple and Set, & GeeksforGeeks - Python Dictionary

**Day 6: List Comprehensions and Lambda Functions**

Task: Learn about list comprehensions and lambda functions.

Website: Real Python - List Comprehensions

**Day 7: File Handling and Error Handling**

Task: Learn to read from and write to files, and study exception handling with try-except blocks.

Website: Programiz - Python File Operation & GeeksforGeeks - Python Exception Handling

**Day 8: Introduction to Numpy**

Task: Learn the basics of NumPy, a fundamental package for scientific computing.

Website: NumPy - Quickstart Tutorial

**Day 9: Introduction to Pandas**

Task: Understand the basics of Pandas for data manipulation and analysis.

Website: Pandas - Getting Started

**Day 10: Data Visualization with Matplotlib**

Task: Learn how to visualize data using Matplotlib.

Website: Matplotlib - Tutorials

**Day 11: Data Visualization with Seaborn**

Task: Study Seaborn for statistical data visualization.

Website: Seaborn - Tutorial

**Day 12: Introduction to Scikit-Learn**

Task: Learn the basics of Scikit-Learn, a key library for machine learning.

Website: Scikit-Learn - Getting Started

**Day 13: Supervised Learning with Scikit-Learn**

Task: Understand how to implement supervised learning algorithms using Scikit-Learn.

Website: Scikit-Learn - Supervised Learning

**Day 14: Unsupervised Learning with Scikit-Learn**

Task: Study unsupervised learning algorithms using Scikit-Learn.

Website: Scikit-Learn - Unsupervised Learning

**Day 15: Practice Project**

Task: Apply what you've learned by working on a small project, such as a simple ML model using Scikit-Learn.

Website: Kaggle - Python Code