



SKILLIO

Weekly Plan

Data Science

1

Essential Understanding

- Introduction of Data Science
- Learning Objectives





1

Python Basics

- Learning Objectives
- First Program
- Types

Week 2

1 Expressions and Variables

2 Writing First Python Code





1

String Operations

Week 4

Practical examinations based on **four weeks** of learning



Exam



1

Top 5 Python Libraries

2

Linear Regression Analysis

3

Logistic Regression

- 1 Confusion Matrix
- 2 Lists and Tuples
- 3 Sets & Dictionaries





1 Decision Tree in Machine Learning

- 1 Random Forest
- 2 Support Vector Machine





Data Science



**Practical exam based on
four week learning**

Exam

1 Conditions and Branching

2 Loops





- 1 Functions
- 2 Objects and Classes

- 1 Reading files with open
- 2 Reading Files
- 3 Writing files with open
- 4 Writing Files





- 1 Loading data with Pandas
- 2 Working with and Saving data with Pandas
- 3 Loading Data and Viewing Data

Practical exams based on overall course learning



Exam



Congratulations!

You have successfully completed this course!