#### Variables

### Lists

#### **Functions**

### While-loop

### Methods

#### Match-case

# For-loop

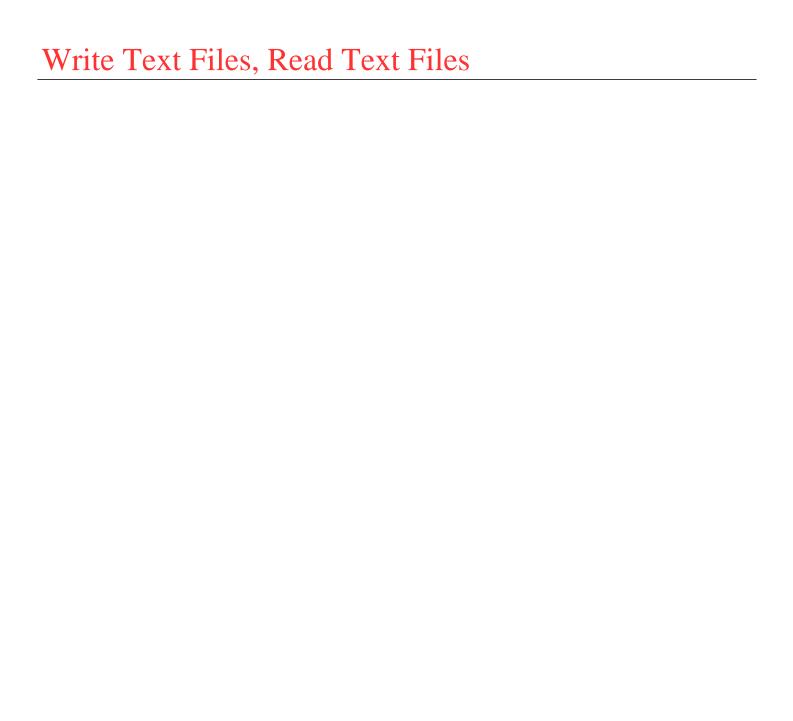
## Type-conversion

### **List Indices**

## **Tuples**

#### Enumerate

# F-Strings







#### File Paths

# **List Comprehensions**

#### Comments

## With-Context Manager



## If, Elif, and Else Conditionals





## Slicing

### **Dictionaries**

| Try-Except and Exceptions |  |  |  |  |  |
|---------------------------|--|--|--|--|--|
|                           |  |  |  |  |  |
|                           |  |  |  |  |  |
|                           |  |  |  |  |  |
|                           |  |  |  |  |  |
|                           |  |  |  |  |  |
|                           |  |  |  |  |  |
|                           |  |  |  |  |  |
|                           |  |  |  |  |  |
|                           |  |  |  |  |  |



#### **Continue Statement**

### **Custom Functions**

## **Function Arguments**



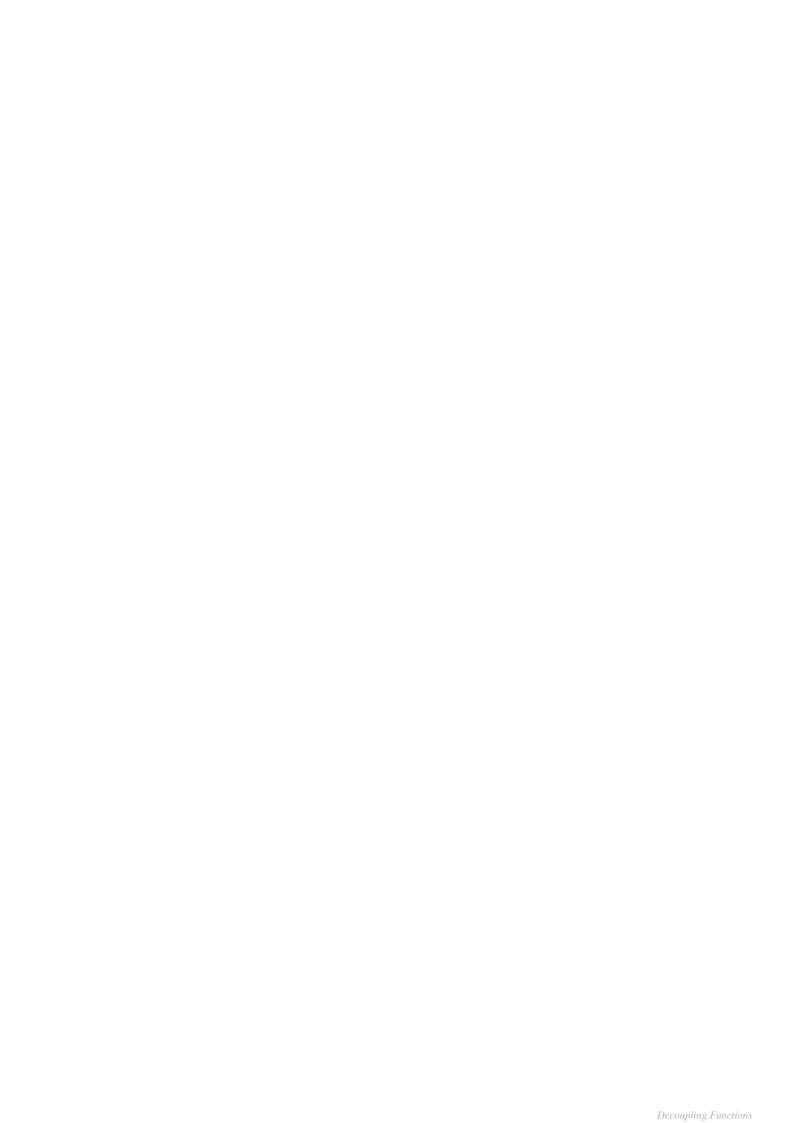
## **Multiple Arguments**

## **Decoupling Output**

## **Default Arguments**

## **Doc Strings**

# **Decoupling Functions**



| Local Modules and Import |   |  |  |  |
|--------------------------|---|--|--|--|
|                          | * |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |
|                          |   |  |  |  |



### **Standard Modules**

#### Git and Github

## Third-Party Modules

#### **GUI**

| Web Development with Streamlit |                                |
|--------------------------------|--------------------------------|
|                                | Web Development with Streamlit |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |
|                                |                                |











## Heroku Deployment

### PDF Generation with PdfKit







# Data Handling with Pandas











## **Sending Emails**