

DSO 545: Statistical Computing and Data Visualization

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Lab 6: Python Toolbox (Conditional Statements and Functions)

This lab is based on w3schools.com tutorials.

If-Else Statements

1. Write script that checks if a given number is positive or negative.
2. Update the previous script to check if a given number is zero, positive or negative.

Python Functions

3. Define a function called `my_function()` to print “Hello World!”.
4. Update the previous function to print information passed to it as a parameter/argument.
5. Update the previous function to print “Hello World” in case the user did not pass a parameter/argument to it.
6. Create a function `check_sign()` to check if a given number is zero, positive or negative.
7. Create a function `five_fold()` that takes a number as its input and returns it 5-fold.
8. Create a function that takes three text values, and concatenates them using a given separator.