Code Similarity Report

Code Similarity Analysis Report

Analysis Summary

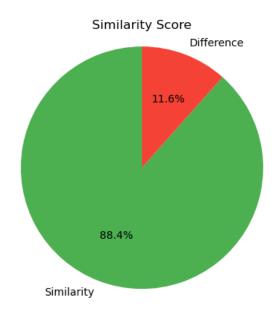
Comparison between: py_plag1.txt and py_plag2.txt

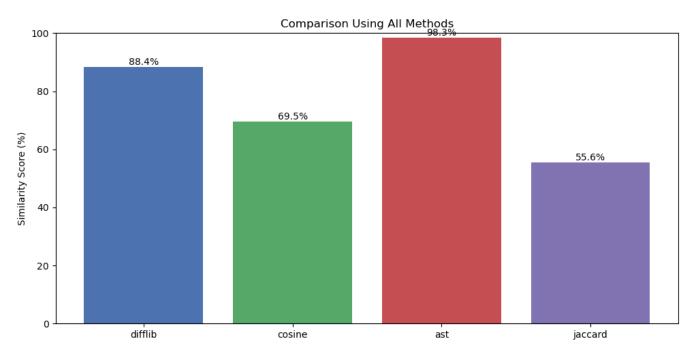
Selected Method: DIFFLIB

Similarity Score: 88.44%

Plagiarism Threshold (70%) Exceeded: Yes

Similarity Visualizations





Code Similarity Report

Preprocessing Details

Before comparison, the following preprocessing steps were applied:

- 1. All comments were removed
- 2. All identifiers were normalized (variables ? vN, functions ? fN, etc.)

Original vs Preprocessed Code

```
Original py_plag1.txt:
```

```
def add(a, b):
    return a + b
result = add(3, 4)
print("Sum is", result)
Preprocessed py_plag1.txt:
def f0(p0, p1):
  return a + b
v0 = add(3, 4)
print('Sum is', result)
Original py_plag2.txt:
# Function to add two numbers
def addition(x, y):
  return x + y # Return result
output = addition(3, 4)
print("Sum is", output)
Preprocessed py_plag2.txt:
def f0(p0, p1):
  return x + y
v0 = addition(3, 4)
print('Sum is', output)
```

Detailed Differences (Preprocessed Code)

```
--- file1

+++ file2

@@ -1,4 +1,4 @@

def f0(p0, p1):

- return a + b

-v0 = add(3, 4)
```

Code Similarity Report

```
-print('Sum is', result)
+ return x + y
+v0 = addition(3, 4)
+print('Sum is', output)
```