Code Similarity Analysis Report

Analysis Summary

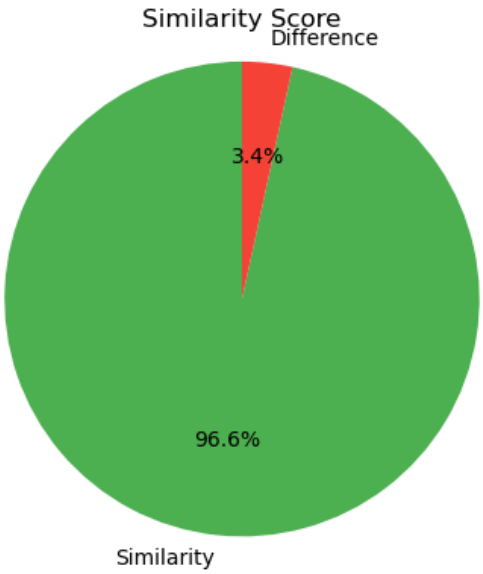
Comparison between: py_plag1.txt and py_plag2.txt

Selected Method: DIFFLIB

Similarity Score: 96.58%

Plagiarism Threshold (70%) Exceeded: Yes

Similarity Visualizations



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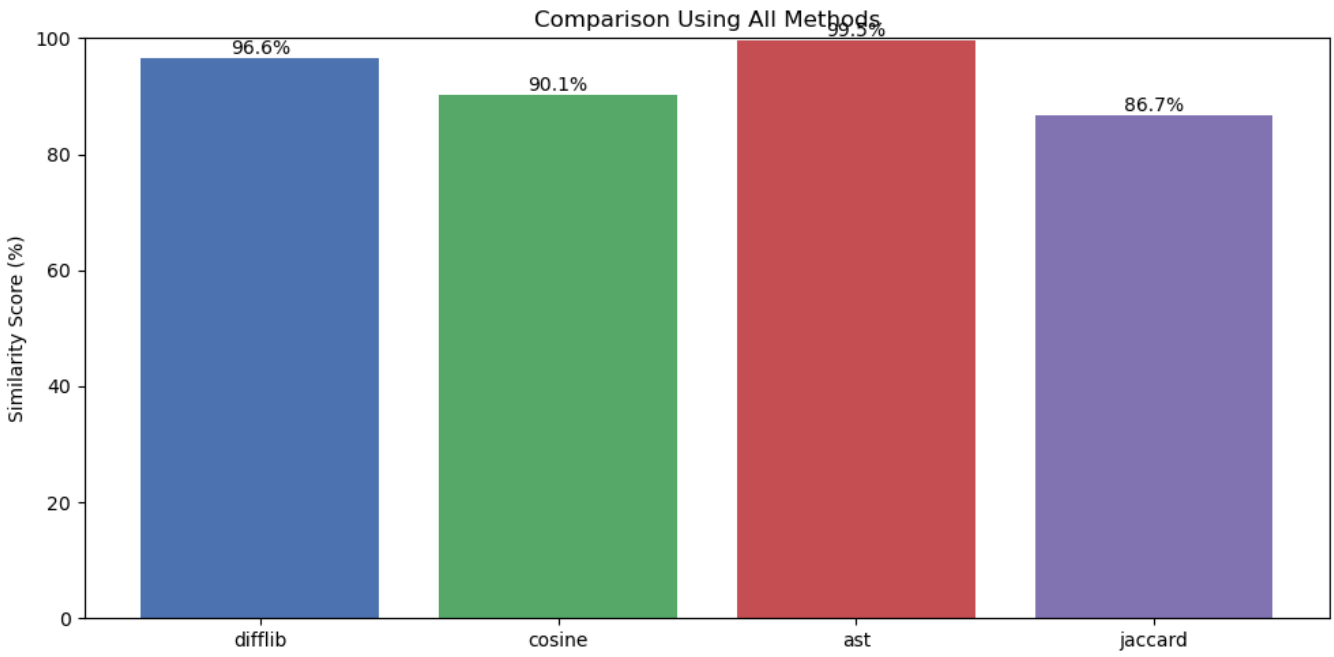

Preprocessing Details

Before comparison, the following preprocessing steps were applied:

1. All comments were removed

2. All identifiers (variables, functions) were normalized to generic names

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 vvar_2r_1(var_2, var_3):
    return var_2 + var_3

var_var_6 = var_0(var_5, var_6)
var_7("var_8 var_9", var_4)
```

Original py_plag2.txt:

Code Similarity Report

```
# 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 var_1(var_2, var_3):
    return var_2 + var_3

var_var_6 = var_0(var_5, var_6)
var_7("var_8 var_9", var_4)
```

Detailed Differences (Preprocessed Code)

```
---
+++
@@ -1,6 +1,7 @@

-def vvar_2r_1(var_2, var_3):
-    return var_2 + var_3
+
+def var_1(var_2, var_3):
+    return var_2 + var_3

 var_var_6 = var_0(var_5, var_6)
 var_7("var_8 var_9", var_4)
```