Code Similarity Analysis Report

Analysis Summary

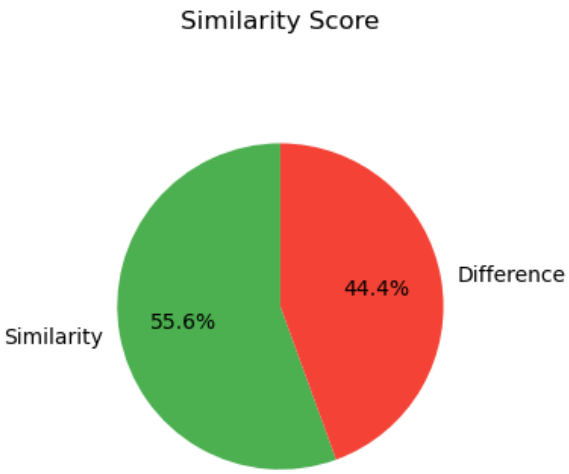
Comparison between: py_plag1.txt and py_plag2.txt

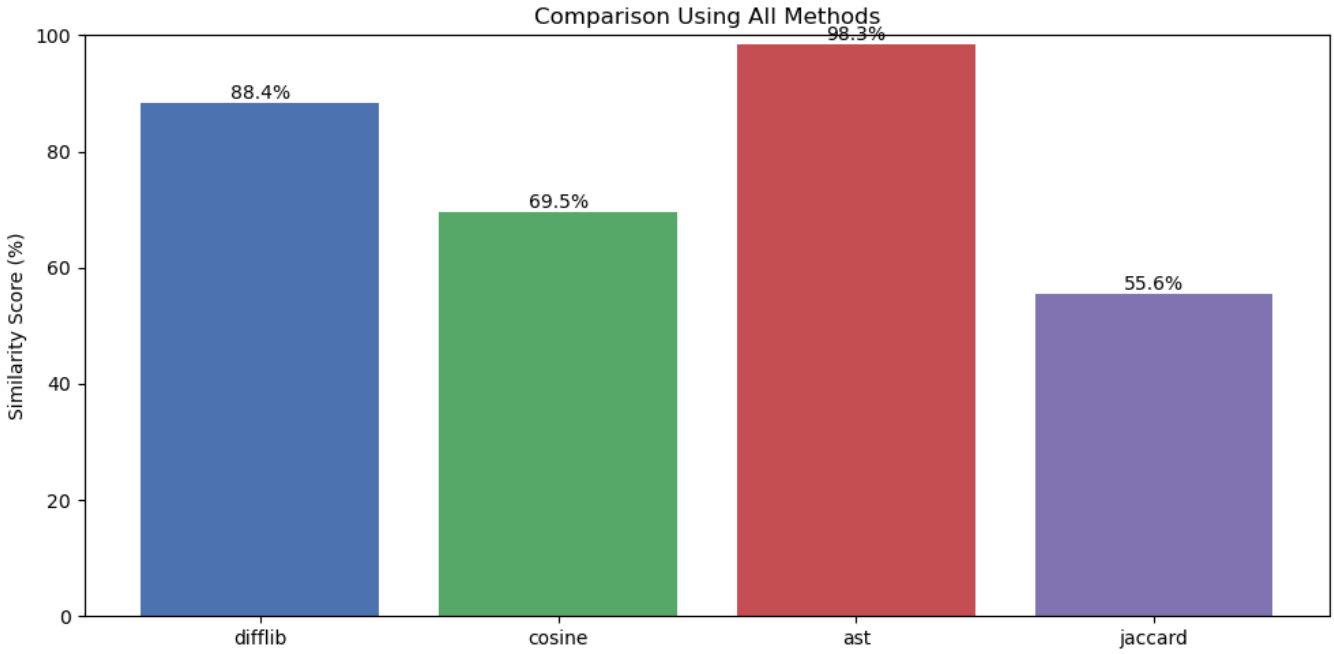
Selected Method: JACCARD

Similarity Score: 55.56%

Plagiarism Threshold (70%) Exceeded: No

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)
```