Code Similarity Analysis Report

Analysis Summary

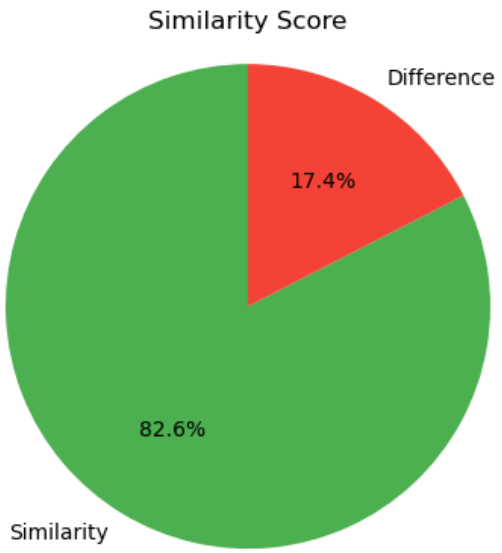
Comparison between: code_4.py and code_3.py

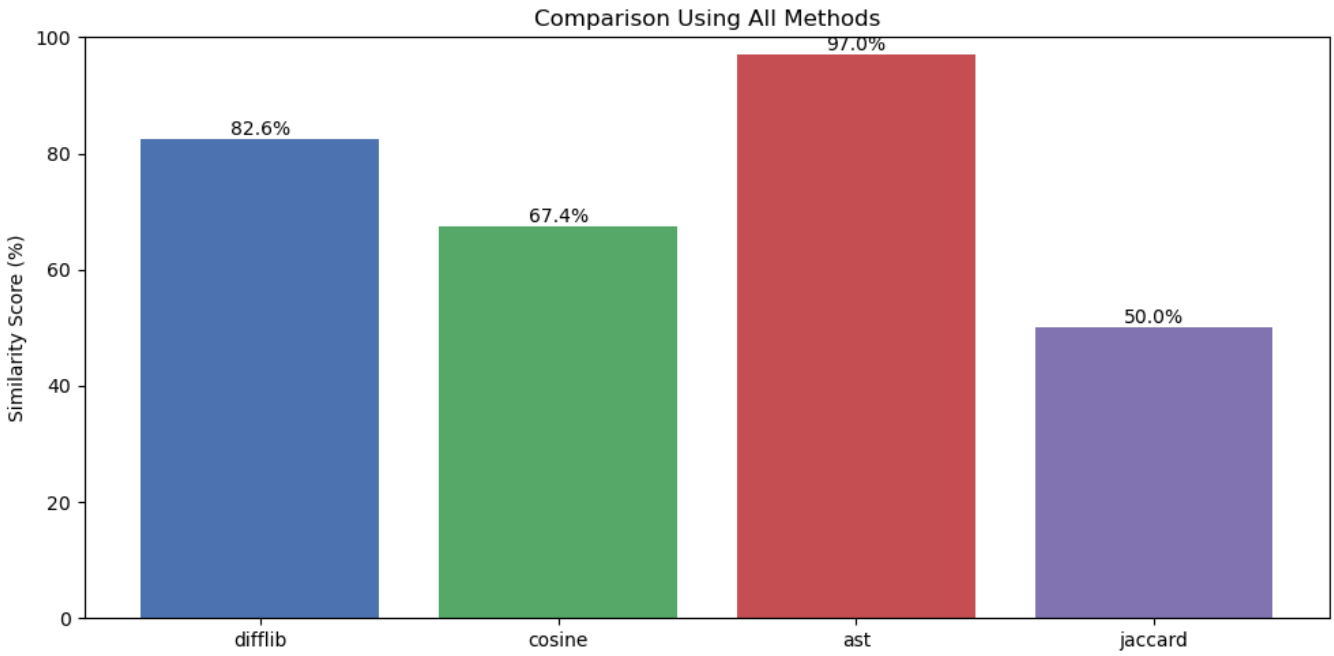
Selected Method: DIFFLIB

Similarity Score: 82.57%

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 code_4.py:

```
def multiply(a, b):
    return a * b

print(multiply(3, 7))
```

Preprocessed code_4.py:

```
def f0(p0, p1):
    return a * b
print(multiply(3, 7))
```

Original code_3.py:

```
def subtract(a, b):
    return a - b

print(subtract(10, 4))
```

Preprocessed code_3.py:

```
def f0(p0, p1):
    return a - b
print(subtract(10, 4))
```

Detailed Differences (Preprocessed Code)

```
--- file1
+++ file2
@@ -1,3 +1,3 @@
 def f0(p0, p1):
-    return a * b
-print(multiply(3, 7))
+    return a - b
+print(subtract(10, 4))
```