

# Code Similarity Report

## Code Similarity Analysis Report

### Analysis Summary

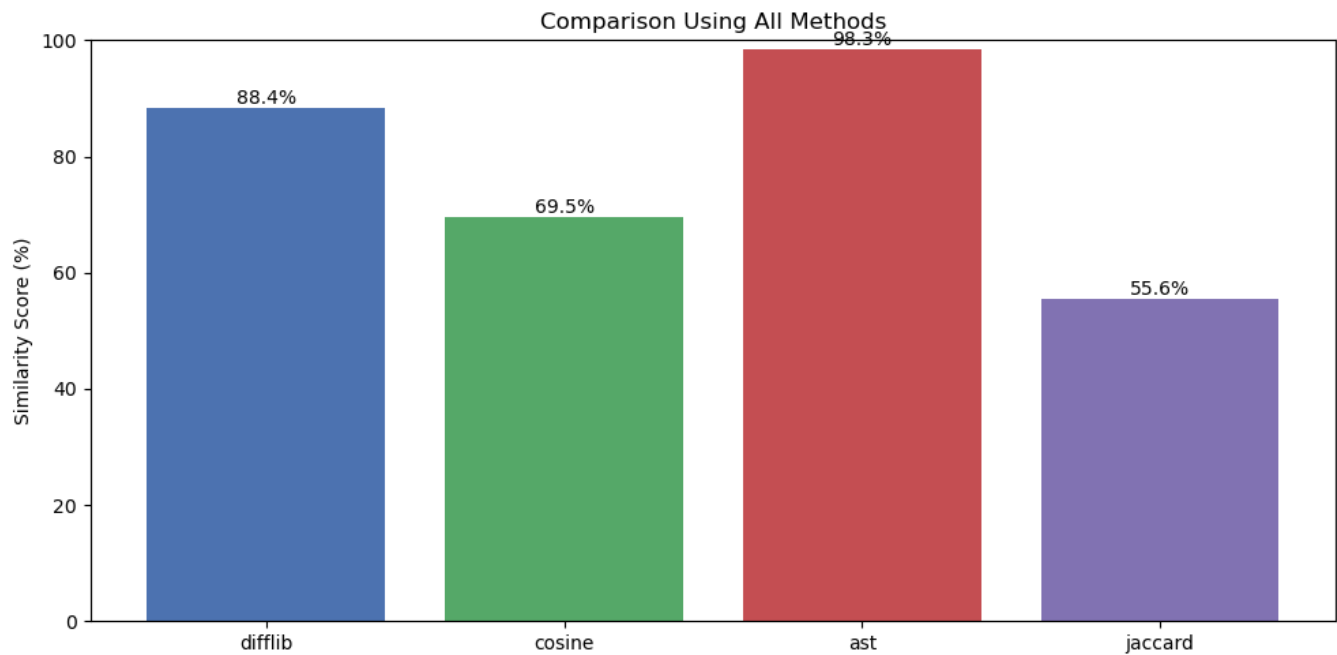
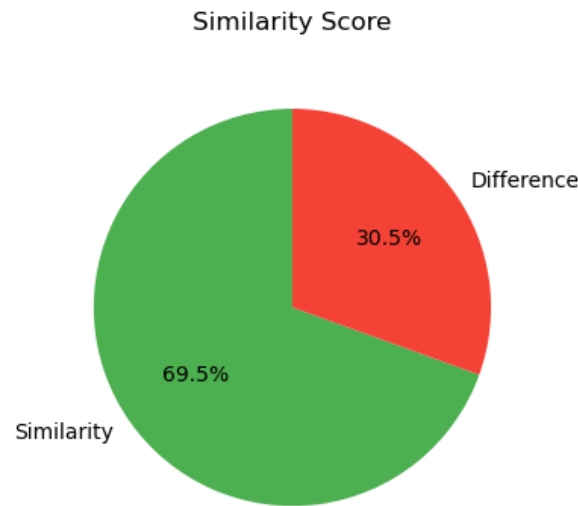
Comparison between: py\_plag1.txt and py\_plag2.txt

Selected Method: COSINE

Similarity Score: 69.49%

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)
```