Code Review Report

Language: python

Score: 98 (Excellent)

Suggestions

- ■ Add a docstring to function: `def calculate_average(numbers):`

Warnings

Optimizations

Submitted Code:

```python
def calculate_average(numbers):
    total = sum(numbers)
    if len(numbers) == 0: # Added a check for empty list
        return 0 # Return 0 to avoid ZeroDivisionError
    average = total / len(numbers)
    return average

# Example usage
numbers = [10, 20, 30, 40, 50]
average_value = calculate_average(numbers)
print(f"The average is: {average_value}")

# Example with an empty list
numbers_empty = []
average_empty = calculate_average(numbers_empty)
print(f"The average of an empty list is: {average_empty}")
```