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# Define lists of positive and negative words
positive_words = {"good", "happy", "excellent", "awesome",
"fantastic", "positive", "love", "great", "nice", "amazing"}
negative_words = {"bad", "sad", "terrible", "awful", "worst",
"negative", "hate", "poor", "horrible", "disappointing"}

def classify_document(text):
    # Convert text to lowercase and split into words
    words = text.lower().split()

    # Count positive and negative words in the text
    positive_count = sum(1 for word in words if word in
positive_words)
    negative_count = sum(1 for word in words if word in
negative_words)

    # Determine sentiment
    if positive_count > negative_count:
        return "Positive Document"
    elif negative_count > positive_count:
        return "Negative Document"
    else:
        return "Neutral Document"

# Example usage
document = "The movie was amazing and fantastic, but had some bad
moments."
result = classify_document(document)
print(result)

Neutral Document

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