```python
from sklearn.feature_extraction.text import TfidfVectorizer
from sklearn.metrics.pairwise import cosine_similarity
def calculate_cosine_similarity(string1, string2):
    vectorizer = TfidfVectorizer()
    tfidf_matrix = vectorizer.fit_transform([string1, string2])
    similarity = cosine_similarity(tfidf_matrix[0], tfidf_matrix[1])
    return similarity[0][0]
string1 = "This is the first string."
string2 = "This is the second string."
similarity = calculate_cosine_similarity(string1, string2)
print(f"The cosine similarity between the two strings is: {similarity}")
```

→ The cosine similarity between the two strings is: 0.6694188517266485

Start coding or generate with AI.