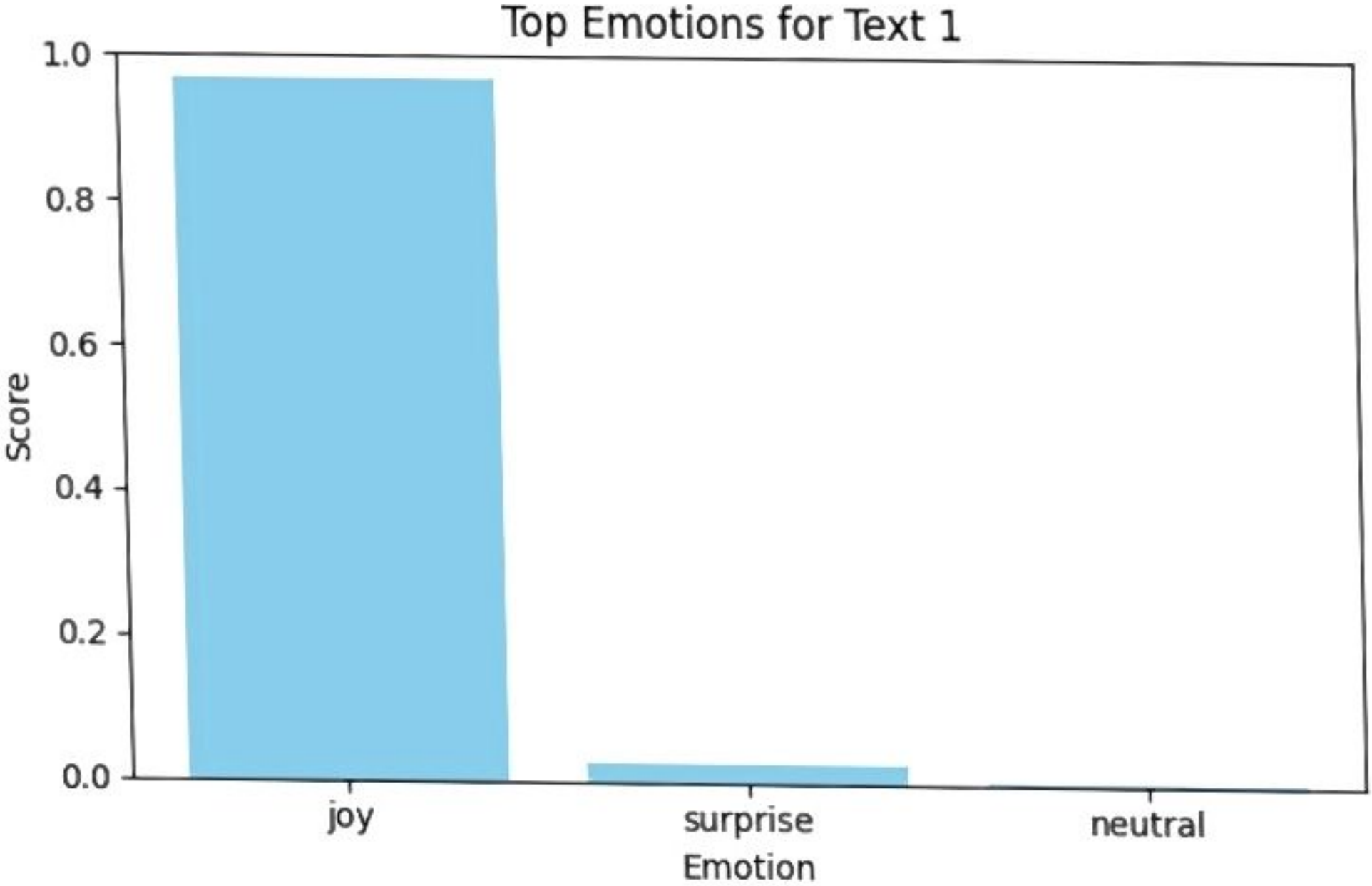
Choose Files social_medi...motions.csv

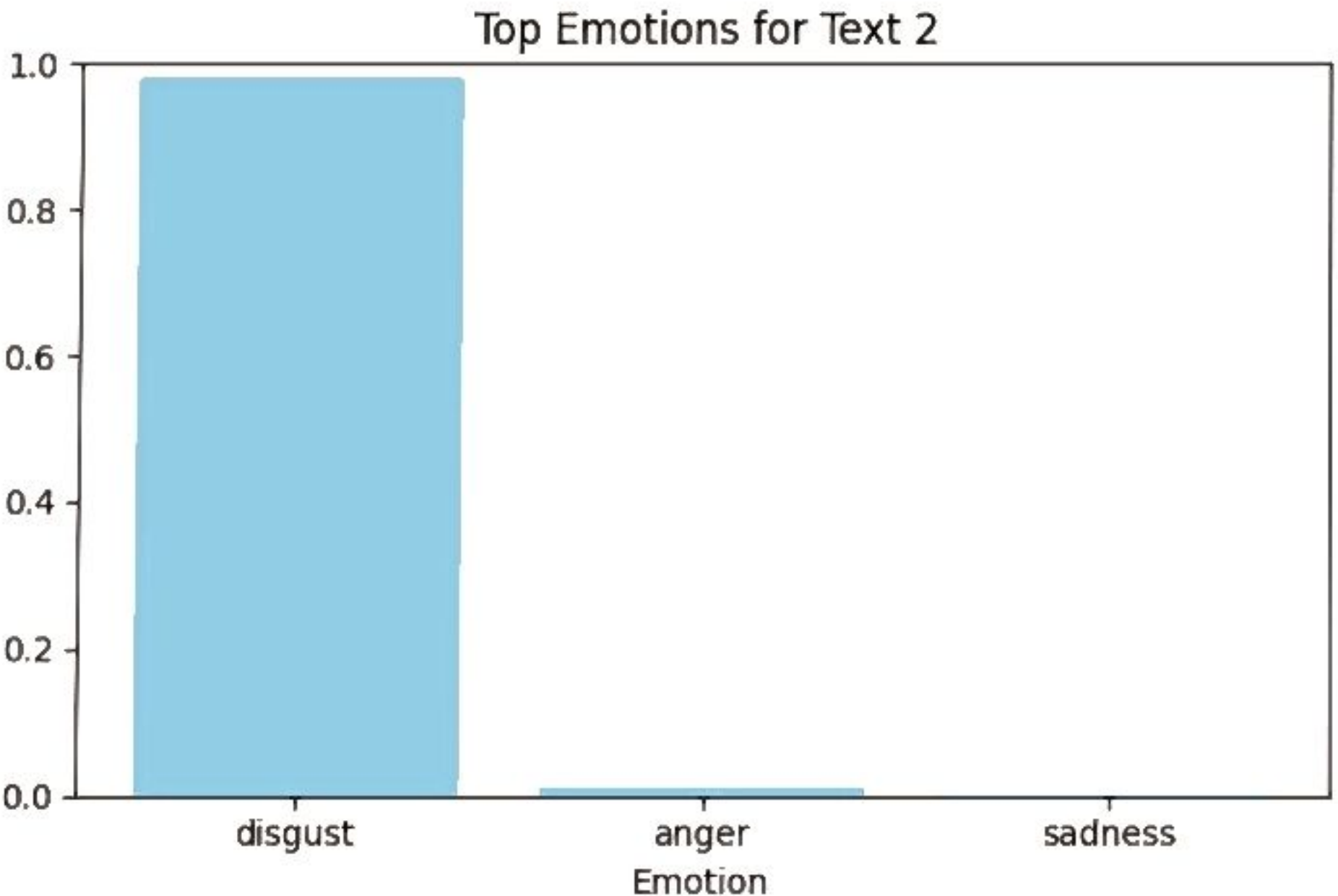
- **social_media_emotions.csv**(text/csv) - 633 bytes, last modified: 5/6/2025 - 100% done

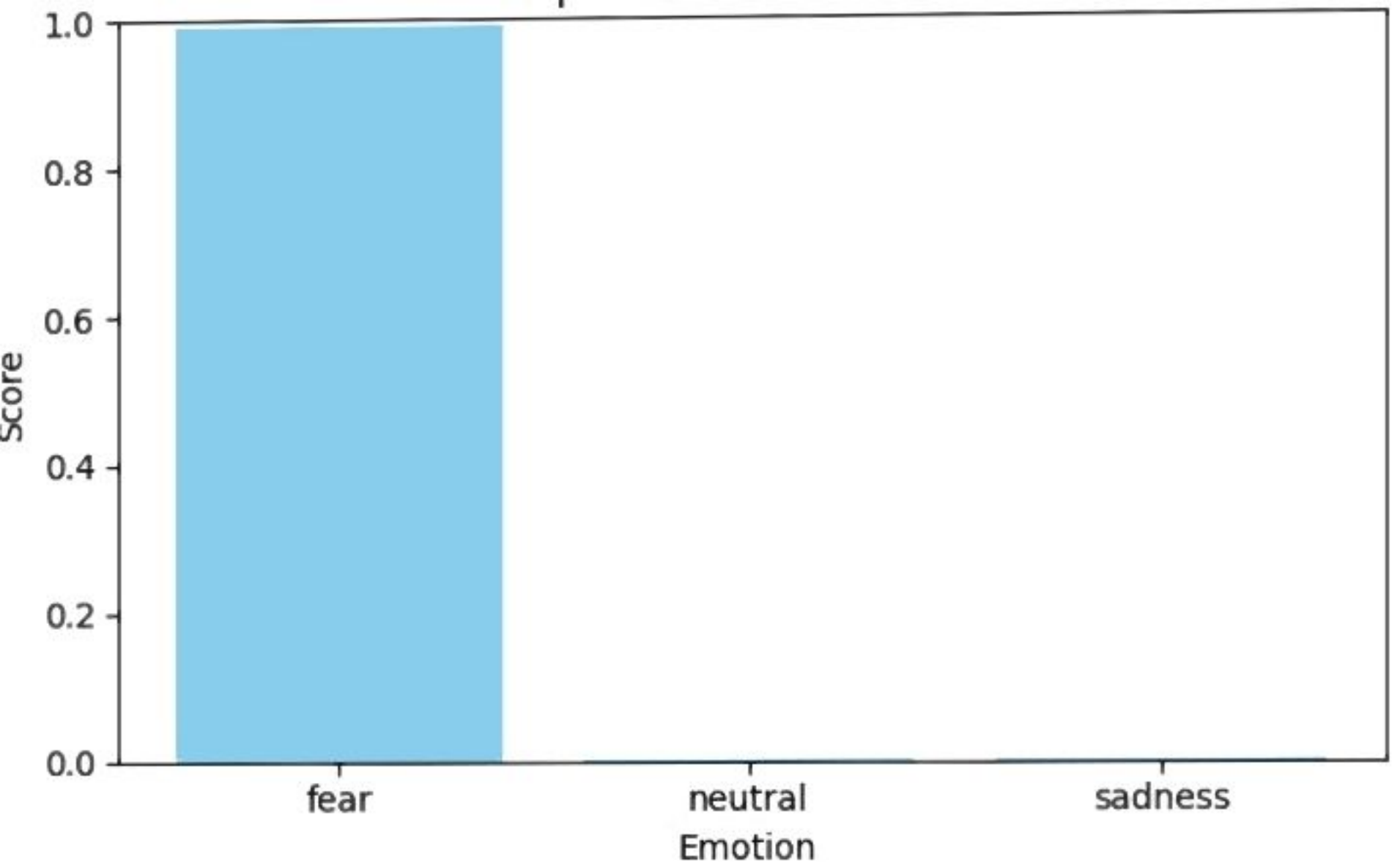
Saving social_media_emotions.csv to social_media_emotions (1).csv

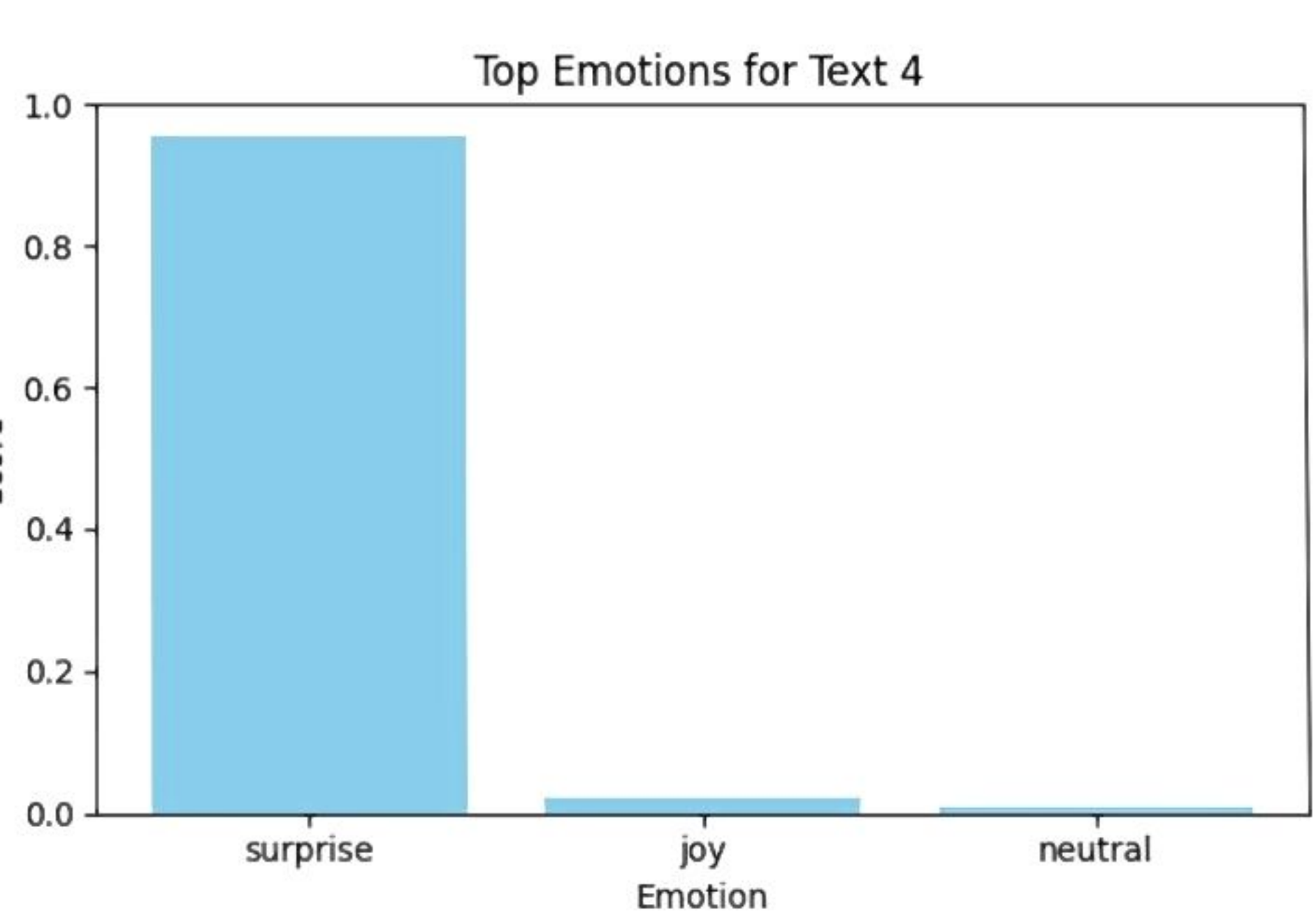
	id	post_text	timestamp	predicted_emotion	emotion_scores
0	1	I am so happy with my new phone!	2025-05-06 05:52:49	joy	{'joy': 0.95, 'love': 0.88, 'surprise': 0.55}
1	2	This is the worst movie I've ever seen.	2025-05-06 05:52:49	anger	{'anger': 0.93, 'disgust': 0.76, 'sadness': 0.62}
2	3	I'm scared of what might happen tomorrow.	2025-05-06 05:52:49	fear	{'fear': 0.89, 'sadness': 0.71, 'disgust': 0.4}
3	4	Wow, I didn't expect that! Amazing!	2025-05-06 05:52:49	surprise	{'surprise': 0.92, 'joy': 0.68, 'anticipation'...
4	5	Feeling a bit down today.	2025-05-06 05:52:49	sadness	{'sadness': 0.91, 'fear': 0.6, 'anger': 0.43}

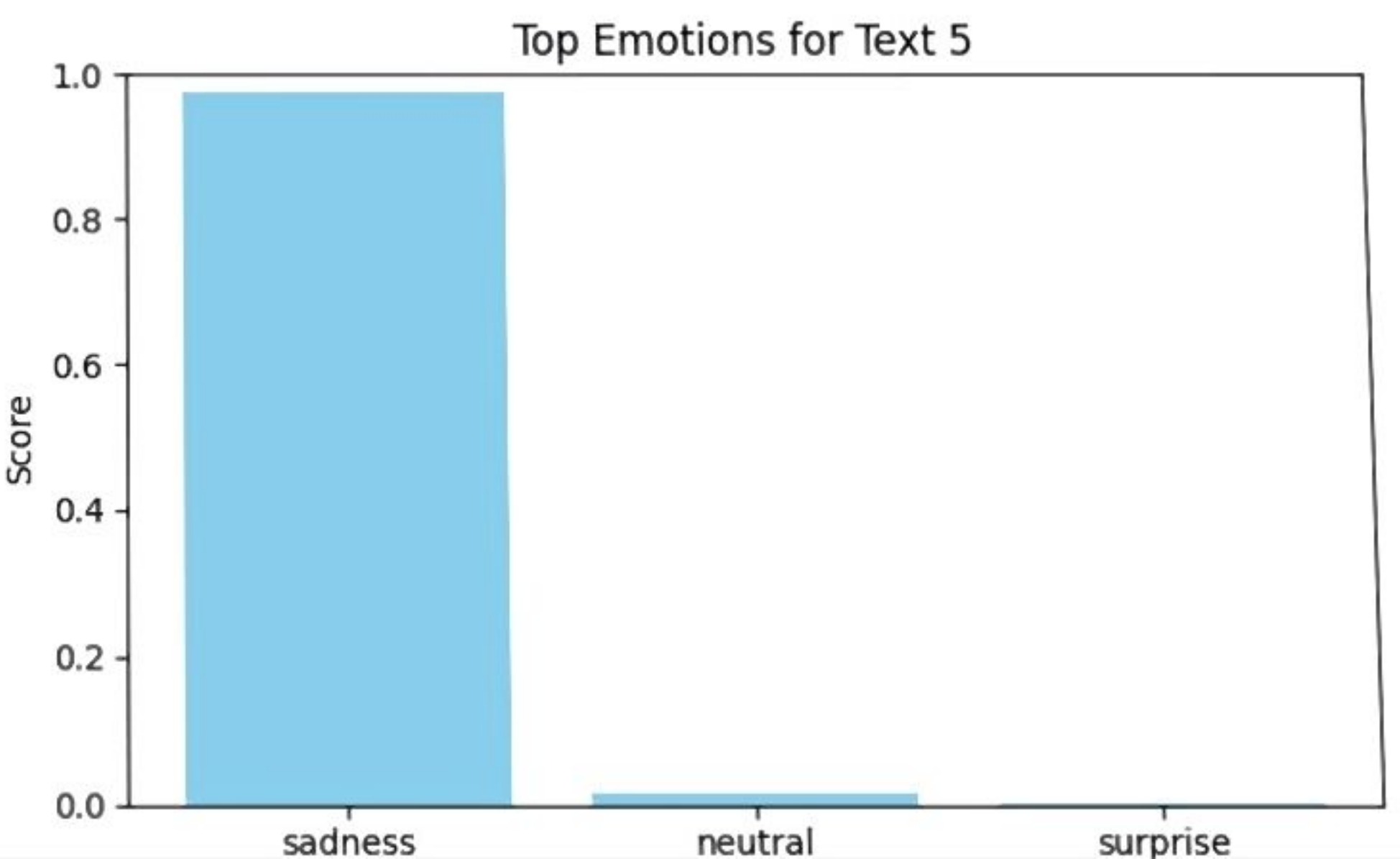
Next steps: Generate code with df | View recommended plots | New interactive sheet


Top Emotions for Text 1
1.0
0.8
0.6
0.4
0.2
0.0
Score
joy
surprise
neutral
Emotion


Top Emotions for Text 2
1.0
0.8
0.6
0.4
0.2
0.0
disgust
anger
sadness
Emotion


1.0
0.8
0.6
0.4
0.2
0.0
Score
fear
neutral
sadness
Emotion


Top Emotions for Text 4
1.0
0.8
0.6
0.4
0.2
0.0
surprise
joy
neutral
Emotion


Top Emotions for Text 5
Score
1.0
0.8
0.6
0.4
0.2
0.0
sadness
neutral
surprise

```
Accuracy: 0.0

Classification Report:
              precision    recall  f1-score   support

       anger       0.00      0.00      0.00       1.0
     sadness       0.00      0.00      0.00       0.0

    accuracy                           0.00       1.0
   macro avg       0.00      0.00      0.00       1.0
weighted avg       0.00      0.00      0.00       1.0


Confusion Matrix:
 [[0 1]
 [0 0]]
```

```python
# TF-IDF Vectorization
vectorizer = TfidfVectorizer(stop_words='english', max_features=1000)
X_tfidf = vectorizer.fit_transform(df['cleaned_text'])

# Print feature names (optional)
print("Sample TF-IDF features:", vectorizer.get_feature_names_out()[:20])
```

```
Sample TF-IDF features: ['amazing' 'bit' 'didnt' 'expect' 'feeling' 'happen' 'happy' 'ive' 'movie'
 'new' 'phone' 'scared' 'seen' 'today' 'tomorrow' 'worst' 'wow']
```

```
/usr/local/lib/python3.11/dist-packages/transformers/pipelines
  warnings.warn(
Text: I am so happy with my new phone!
  joy: 0.97
  surprise: 0.03
  neutral: 0.00

Text: This is the worst movie I've ever seen.
  disgust: 0.98
  anger: 0.01
  sadness: 0.00

Text: I’m scared of what might happen tomorrow.
  fear: 0.99
  neutral: 0.00
  sadness: 0.00

Text: Wow, I didn't expect that! Amazing!
  surprise: 0.96
  joy: 0.02
  neutral: 0.01

Text: Feeling a bit down today.
  sadness: 0.97
  neutral: 0.01
  surprise: 0.00
```