

Source code

```
import matplotlib.pyplot as plt
from textblob import TextBlob
from collections import Counter

texts = [
    "I'm so happy today!",
    "This is terrible news.",
    "Feeling excited about the new movie release.",
    "I'm really sad about what happened.",
    "Wow, that was amazing!",
    "I hate this so much.",
    "Life is beautiful.",
    "That made me angry."
]

def get_emotion(text):
    analysis = TextBlob(text)
    polarity = analysis.sentiment.polarity

    if polarity > 0.3:
        return 'Joy'
    elif polarity < -0.3:
        return 'Anger'
    else:
        return 'Neutral'

emotions = [get_emotion(text) for text in texts]
```

```
emotion_counts = Counter(emotions)

plt.bar(emotion_counts.keys(), emotion_counts.values(), color=['green', 'red',
'gray'])

plt.title("Emotion Distribution in Social Media Comments")

plt.xlabel("Emotion")

plt.ylabel("Count")

plt.show()
```