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In [1]: from sklearn.feature_extraction.text import TfidfVectorizer
from sklearn.ensemble import RandomForestClassifier
documents = [
    "Buy now and win a prize",
    "Normal email content",
    "Congratulations, you won!"
]
labels = ["Spam", "Not Spam", "Spam"]
vectorizer = TfidfVectorizer()
X = vectorizer.fit_transform(documents)
rf_classifier = RandomForestClassifier()
rf_classifier.fit(X, labels)
new_text = ["Limited time offer, act now!"]
new_text_tfidf = vectorizer.transform(new_text)
predicted_category = rf_classifier.predict(new_text_tfidf)

print("Predicted Category:", predicted_category[0])
```

Predicted Category: Spam

In []: