

```
In [ ]: pip install -U spacy
```

```
In [ ]: pip install en_core_web_sm
```

```
In [1]: import spacy
from sklearn.metrics import accuracy_score
nlp = spacy.load('en_core_web_sm')
text = "Apple Inc. was founded in 1976 by Steve Jobs,
Steve Wozniak, and Ronald Wayne."
doc = nlp(text)
predicted_entities = [(ent.text, ent.label_) for ent in doc.ents]
true_entities = [("Apple Inc.", "ORG"), ("1976", "DATE"),
                  ("Steve Jobs", "PERSON"),
                  ("Steve Wozniak", "PERSON"),
                  ("Ronald Wayne", "PERSON")]
predicted_labels = [label for _, label in predicted_entities]
true_labels = [label for _, label in true_entities]
accuracy = accuracy_score(true_labels, predicted_labels)
print(f"Accuracy Score: {accuracy}")
```

Accuracy Score: 1.0

```
In [2]: print("Predicted Entities:", predicted_entities)
```

Predicted Entities: [('Apple Inc.', 'ORG'), ('1976', 'DATE'), ('Steve Jobs', 'PERSON'), ('Steve Wozniak', 'PERSON'), ('Ronald Wayne', 'PERSON')]

```
In [ ]:
```