

```
import spacy
nlp = spacy.load("en_core_web_sm")
```

```
text = """
India, officially the Republic of India (Bhārat Gaṇarājya),is a country in South Asia.
It is the seventh-largest country by area; the most populous country as of June 2023; and from the time of its independence in 1947,
Bounded by the Indian Ocean on the south, the Arabian Sea on the southwest, and the Bay of Bengal on the southeast, it shares land b
In the Indian Ocean, India is in the vicinity of Sri Lanka and the Maldives; its Andaman and Nicobar Islands share a maritime border
"""
```

```
label_mapping = {
    "PERSON": "Person",
    "ORG": "Organization",
    "GPE": "Geopolitical Entity",
    "DATE": "Date",
    "CARDINAL": "Cardinal Number",
    "LOC": "Location",
}
```

```
doc = nlp(text)
```

```
entities = [(ent.text, label_mapping.get(ent.label_, ent.label_)) for ent in doc.ents]
```

```
for entity, label in entities:
    print(f"Entity: {entity}, Label: {label}")
```

```
Entity: India, Label: Geopolitical Entity
Entity: the Republic of India, Label: Geopolitical Entity
Entity: South Asia, Label: Location
Entity: seventh, Label: ORDINAL
Entity: June 2023, Label: Date
Entity: 1947, Label: Date
Entity: the Indian Ocean, Label: Location
Entity: the Arabian Sea, Label: Location
Entity: the Bay of Bengal, Label: Location
Entity: Pakistan, Label: Geopolitical Entity
Entity: China, Label: Geopolitical Entity
Entity: Nepal, Label: Geopolitical Entity
Entity: Bhutan, Label: Geopolitical Entity
Entity: Bangladesh, Label: Geopolitical Entity
Entity: Myanmar, Label: Geopolitical Entity
Entity: the Indian Ocean, Label: Location
Entity: India, Label: Geopolitical Entity
Entity: Sri Lanka, Label: Geopolitical Entity
Entity: Maldives, Label: Geopolitical Entity
Entity: Andaman, Label: PRODUCT
Entity: Nicobar Islands, Label: Organization
Entity: Thailand, Label: Geopolitical Entity
Entity: Myanmar, Label: Geopolitical Entity
Entity: Indonesia, Label: Geopolitical Entity
```