Chapter 1: Introduction to Flair

Berkeley `ORG` University `ORG` is located in Berkeley `LOC` .

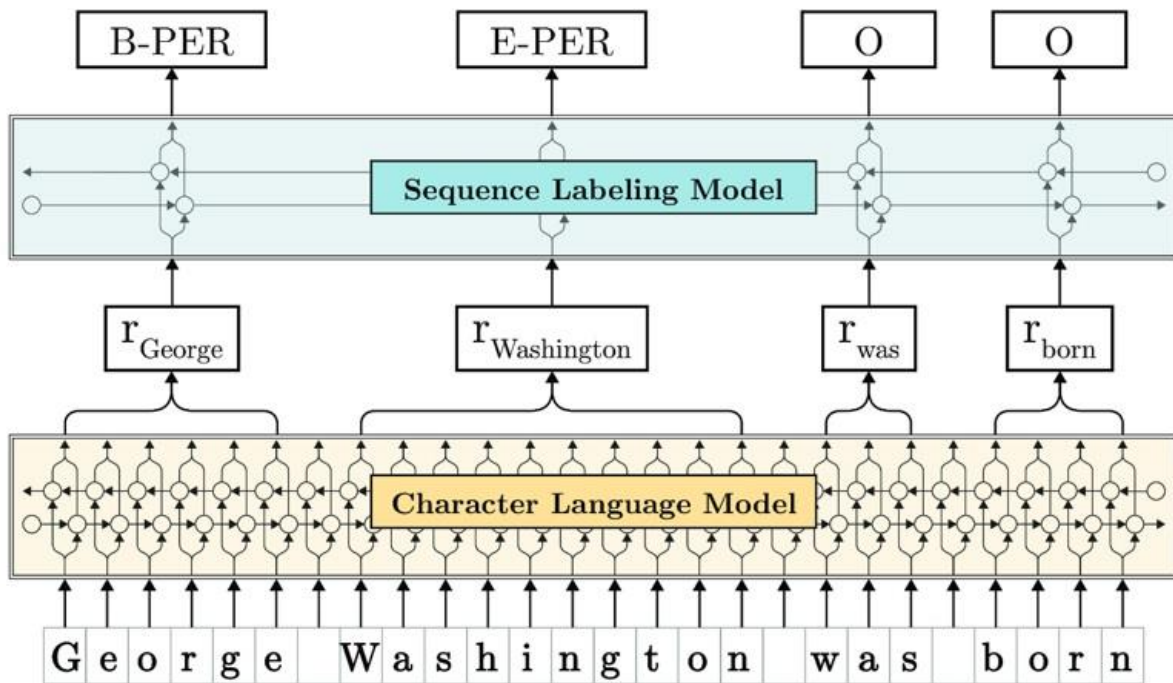A `DETERMINER` lovely `ADJECTIVE` day `NOUN` .

Chapter 2: Flair Base Types

No Images…

Chapter 3: Embeddings in Flair

No Images…

Chapter 4: Sequence Tagging

Chapter 5: Training Sequence Labeling Models
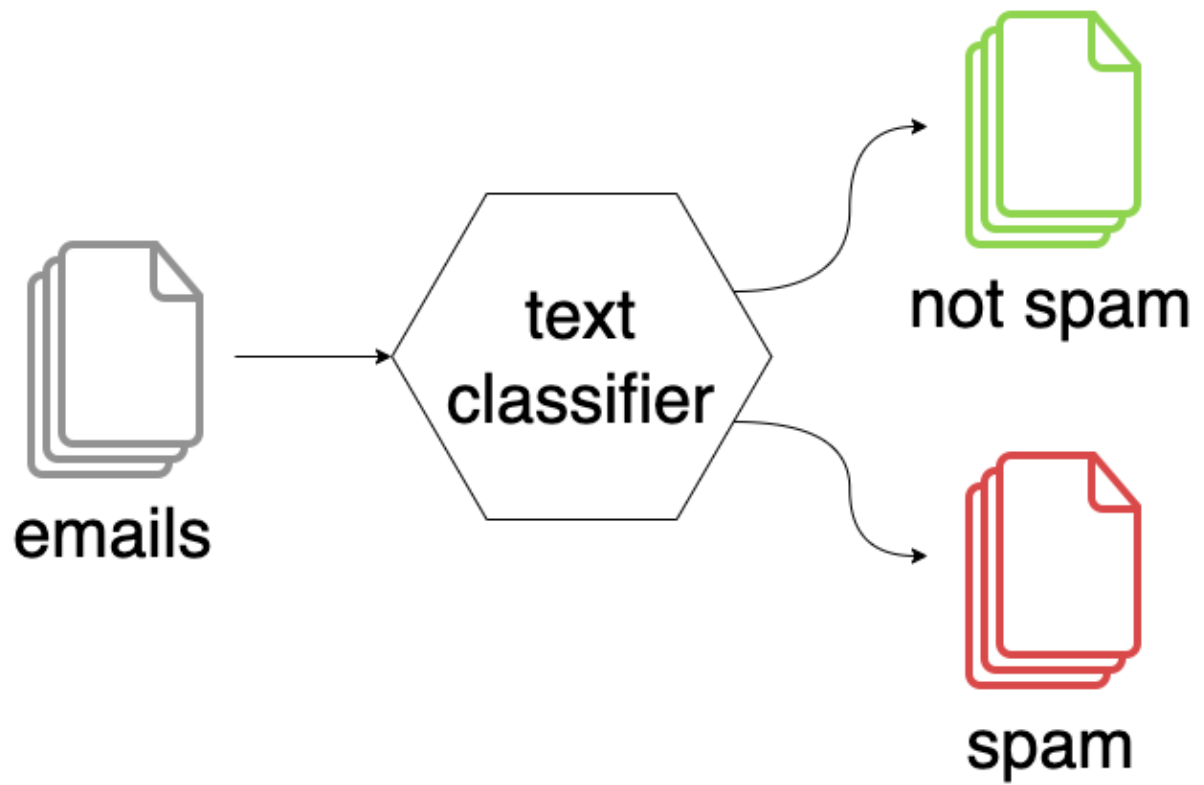
No Images…

Chapter 6: Hyperparameter Optimization in Flair
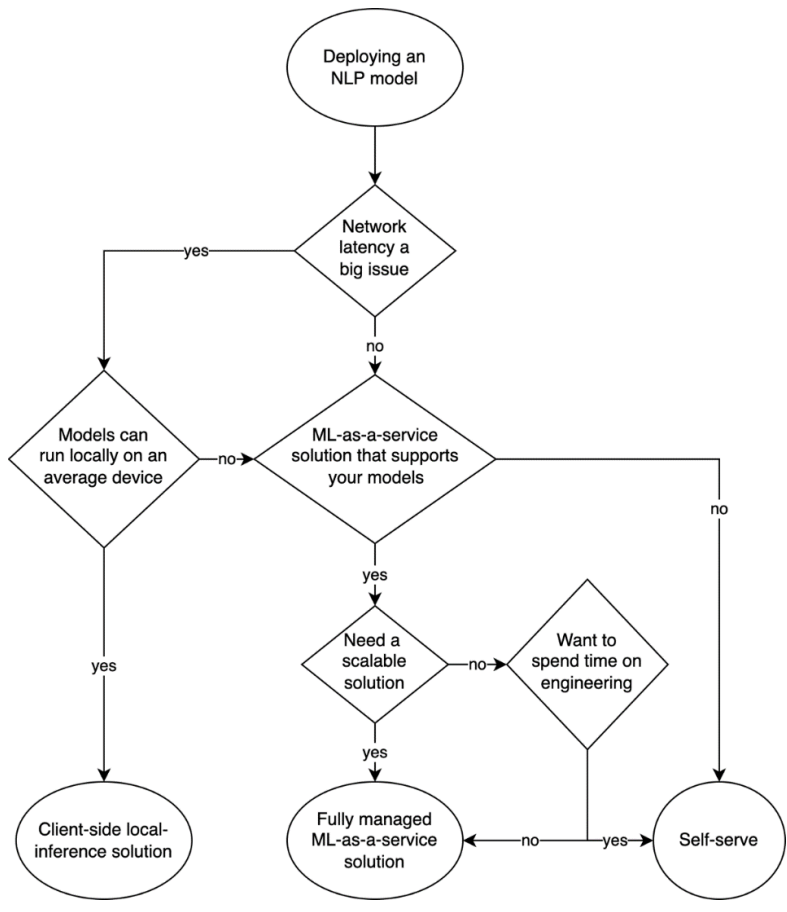
No Images…

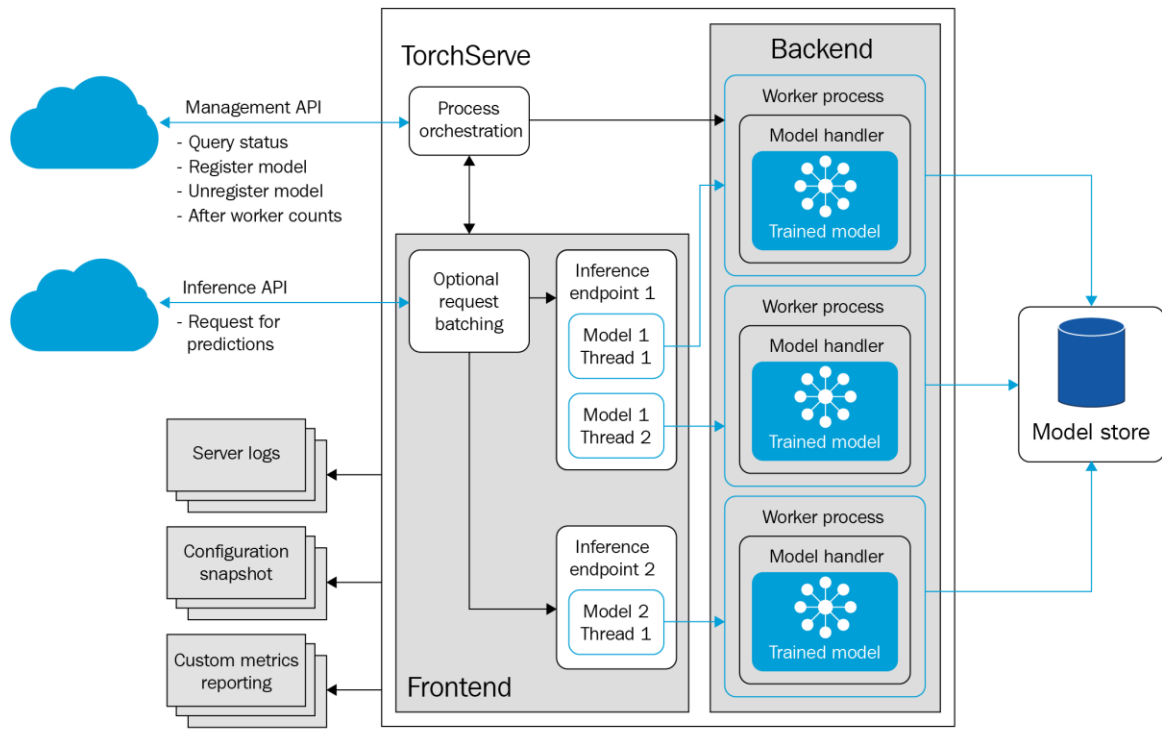**No Images…**

Chapter 7: Train Your Own Embeddings

No Images…

Chapter 8: Text Classification in Flair

Chapter 9: Deploying and Using Models in Production

Single physical or virtual machine

⚡ Hosted inference API ⓘ

▦ Token Classification   Examples ⌄

abcd efgh ij

Compute

Computation time on cpu: 0.0036 s

abcd **PRON**   efgh **PRON**   ij **ADP**

Chapter 10: Hands-On Exercise – Building a Trading Bot with Flair

```
                            ┌─────────────────┐
                            │   Flair trading │
                            │    strategy     │
                            └─────────────────┘
                                     │
                                     ▼
         ┌──no──────────────▶  / daily news    /
         │                    /  articles      /
         │                           │
         │                           ▼
    ◇ relevant news        ┌──────────────────────────┐
      articles      ◀──────│  use Flair's NER to      │
      found? ◇             │  find news that references│
         │                 │  the company we want to   │
         │ yes             │  invest into              │
         ▼                 └──────────────────────────┘
  ┌────────────────┐
  │ use Flair's    │              ◇ sentiment positive? ◇
  │ sentiment      │─────────▶
  │ analysis on    │            │ yes          │ no
  │ news           │            ▼              ▼
  └────────────────┘         ( buy )        ( sell )
```

- Flair trading strategy
- daily news articles
- use Flair's NER to find news that references the company we want to invest into
- relevant news articles found?
  - no → daily news articles
  - yes → use Flair's sentiment analysis on news
- sentiment positive?
  - yes → buy
  - no → sell