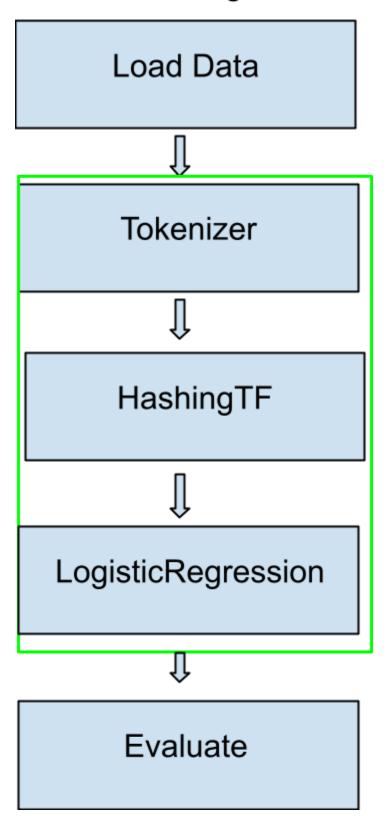
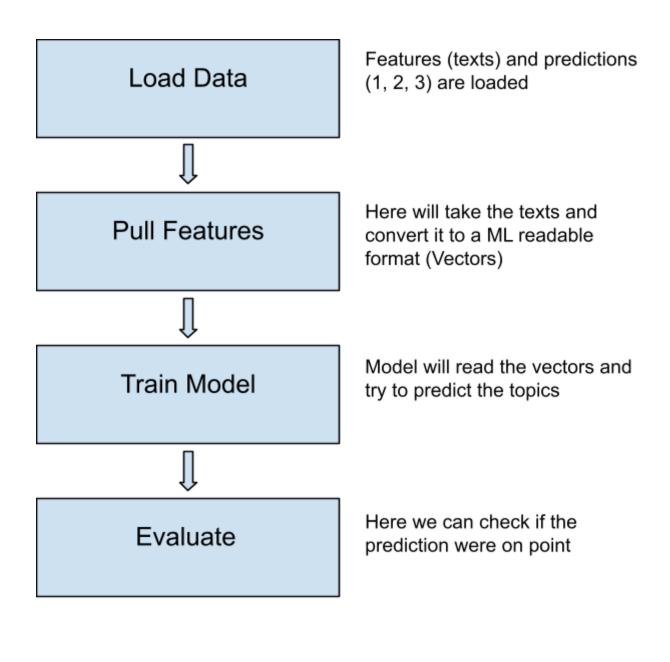


# Training





### **Features**

"Microservices" - yet another new term on the crowded streets of software architecture. Although our natural inclination is to pass such things by with a contemptuous glance, this bit of terminology describes a style of software systems that we are finding more and more appealing. We've seen many projects use this style in the last few years, and results so far have been positive, so much so that for many of our colleagues this is becoming the default style for building enterprise applications. Sadly, however, there's not much information that outlines what the microservice style is and how to do it.

In this case features are texts. It could be images, or any set of data...

## What we want to predict

- 1: About Microservices
- 2: About Politics
- 3: About Weather

. . . . . . .

each number will represent a prediction.

### **Training**

#### RDD with features and predictions

"Microservices" - yet another new term on the crowded streets of software architecture.

Although our natural inclination is to pass such things by with a contemptuous glance, this bit of terminology describes a style of software systems that we are finding more and more appealing.

Deep convection (thunderstorms) has made a comeback this evening, as it often does after sunset with tropical systems over warm water. Prediction 3

Prediction 1

### **Testing**

#### RDD with feature but no predictions

Depending on the exact path, this has the potential to bring excessive rainfall and flooding to parts of the Sunshine State, and perhaps other locations in the Southeast.

Informal Politics is understood as forming alliances, exercising power and protecting and advancing particular ideas or goals. Generally, this includes anything affecting one's daily life, such as the way an office or household is managed, or how one person or group exercises influence over another.



This is used to make a prediction.



Already know the prediction.

#### Loaded Data

### Transformed Data

| Predictions | Texts                   |           | Predictions | Texts                   | Features |
|-------------|-------------------------|-----------|-------------|-------------------------|----------|
|             |                         |           |             |                         |          |
|             |                         |           |             |                         |          |
| 1           | Microservices are great | Transform | 1           | Microservices are great | Vectors  |
|             |                         |           |             |                         |          |
|             |                         |           |             |                         |          |
| •           | Weather is nice         |           |             | Weather is nice         | Vectors  |
| 2           | Weather is nice         |           | 2           | weather is file         | Vectors  |
|             |                         |           |             |                         |          |
|             |                         |           |             |                         |          |

Vector is a format that ML understands