Feed with Posts

Script to extract Data (Node.js)

Sentences CSV

XML containing HTML

Text only CSV file; one row per sentence

Local Container:
IBM Watson NLP Runtime
+ IBM Watson Syntax Model

Sentences CSV

Open Source Tool:
Label Sleuth

Training Data CSV

300 positive &
negative Samples

Custom Classification Model

IBM Watson Syntax Model

IBM Watson NLP Runtime

Dockerfile

Docker CLI

Custom Container Image

Container Registry

Container running on Docker

Input: Test Sentence

Output: True/False

REST Client

Feed

Data Preparation App (Node.js)

Inference App (Node.js)

Classified List of Posts

XML containing HTML

Sentences per Document

One or more sentences classified as positive

Input: Feed as text

Output: Sentences List

Kubernetes

IBM Watson NLP Runtime

Input: Sentence

Output: True/False

Init Container

Custom Classification Model

IBM Watson Syntax Model

Init Container