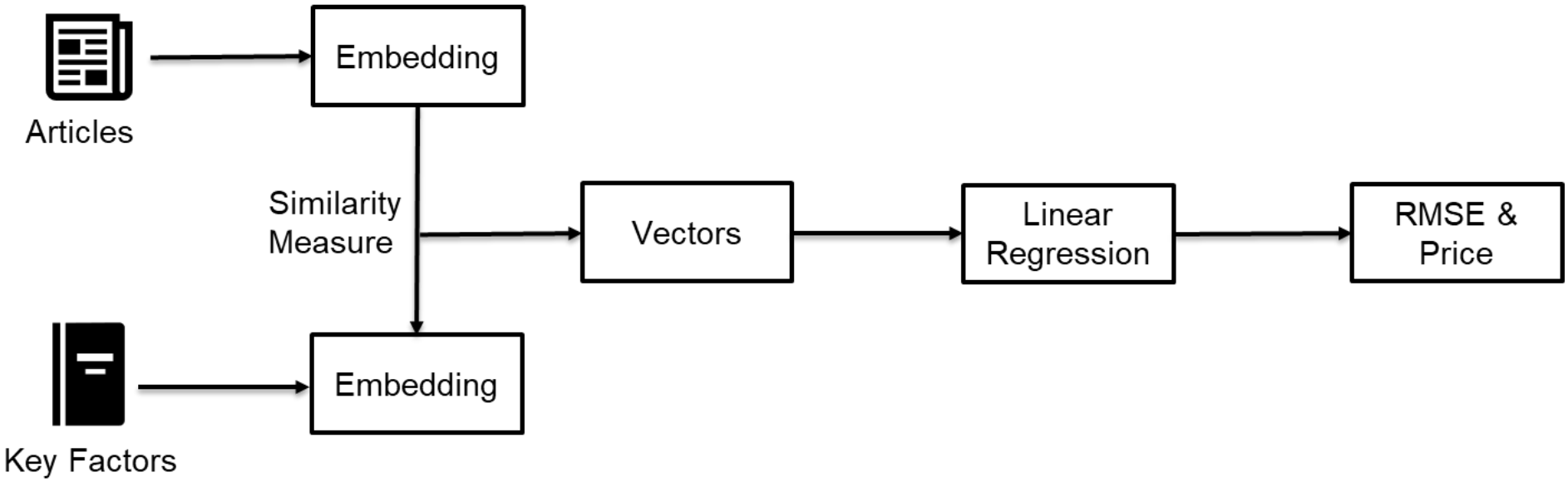
Datathon-MSG

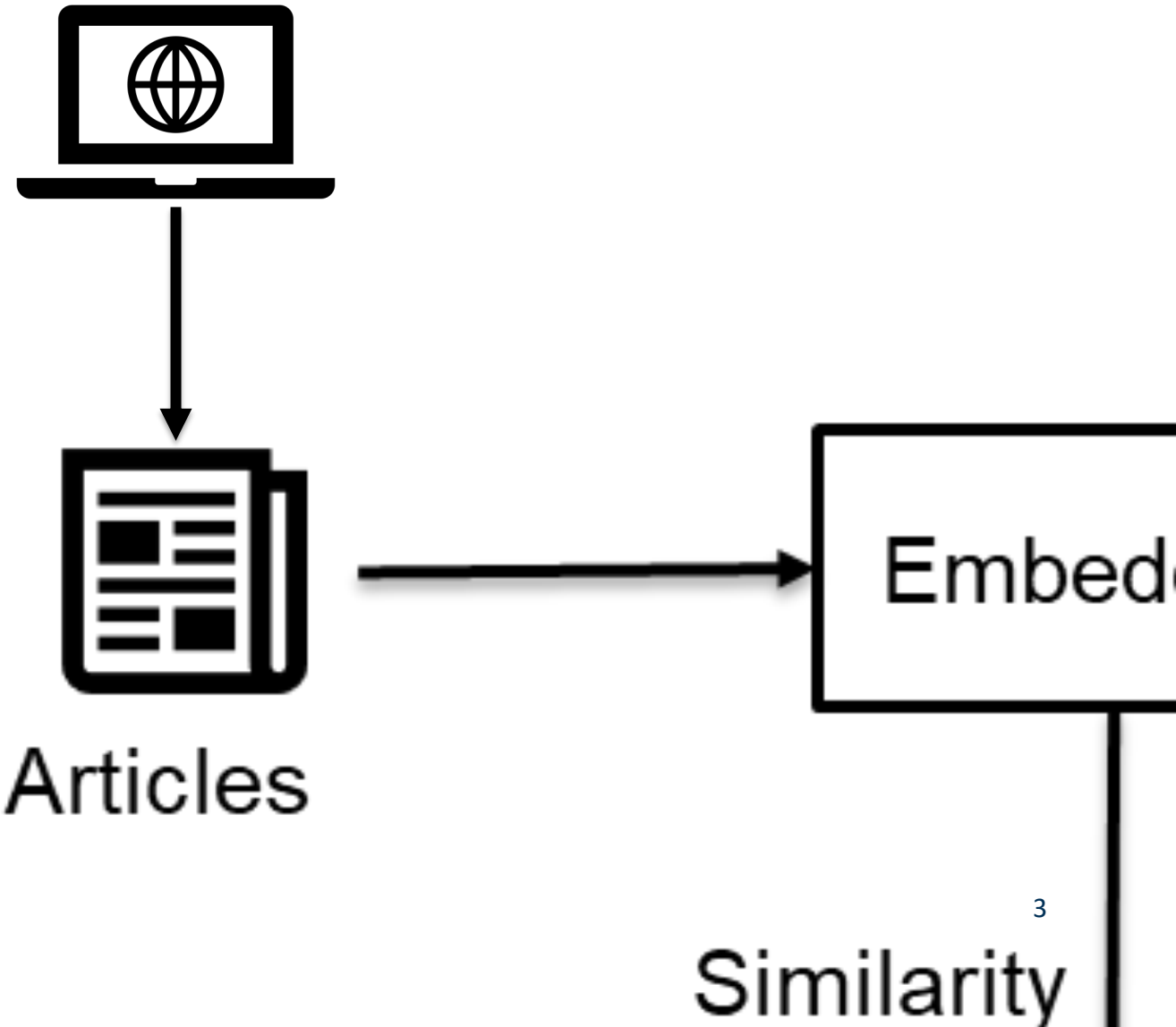
Team 2 - Shocking Team

Price Shock Predictor: News-driven Key Factor Extraction Challenge

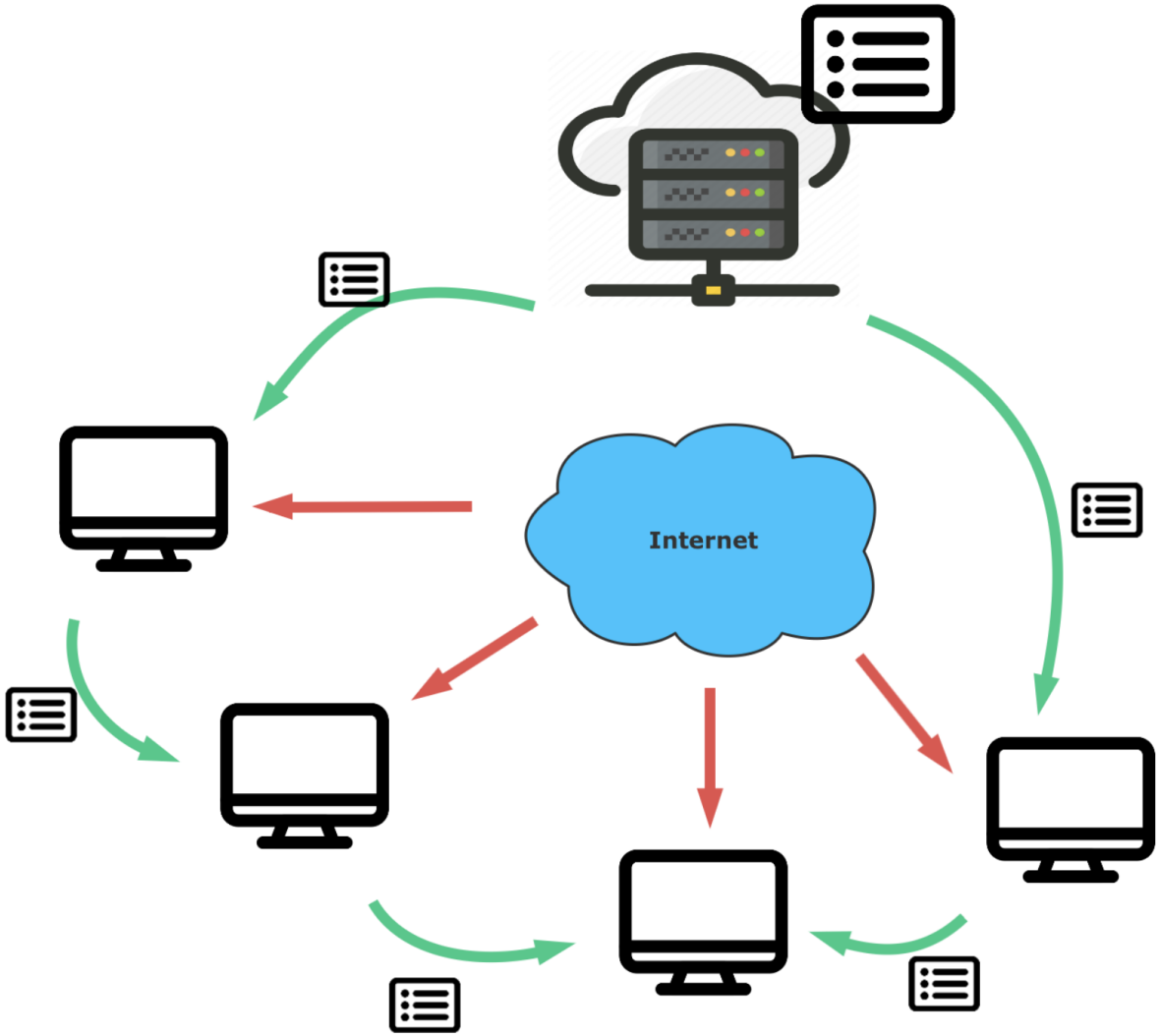
Overview


Articles
Embedding
Similarity Measure
Vectors
Linear Regression
RMSE & Price
Key Factors
Embedding

Crawling Internet Data - Spider



Crawling Internet Data - Spider



Crawling Internet Data - Spider

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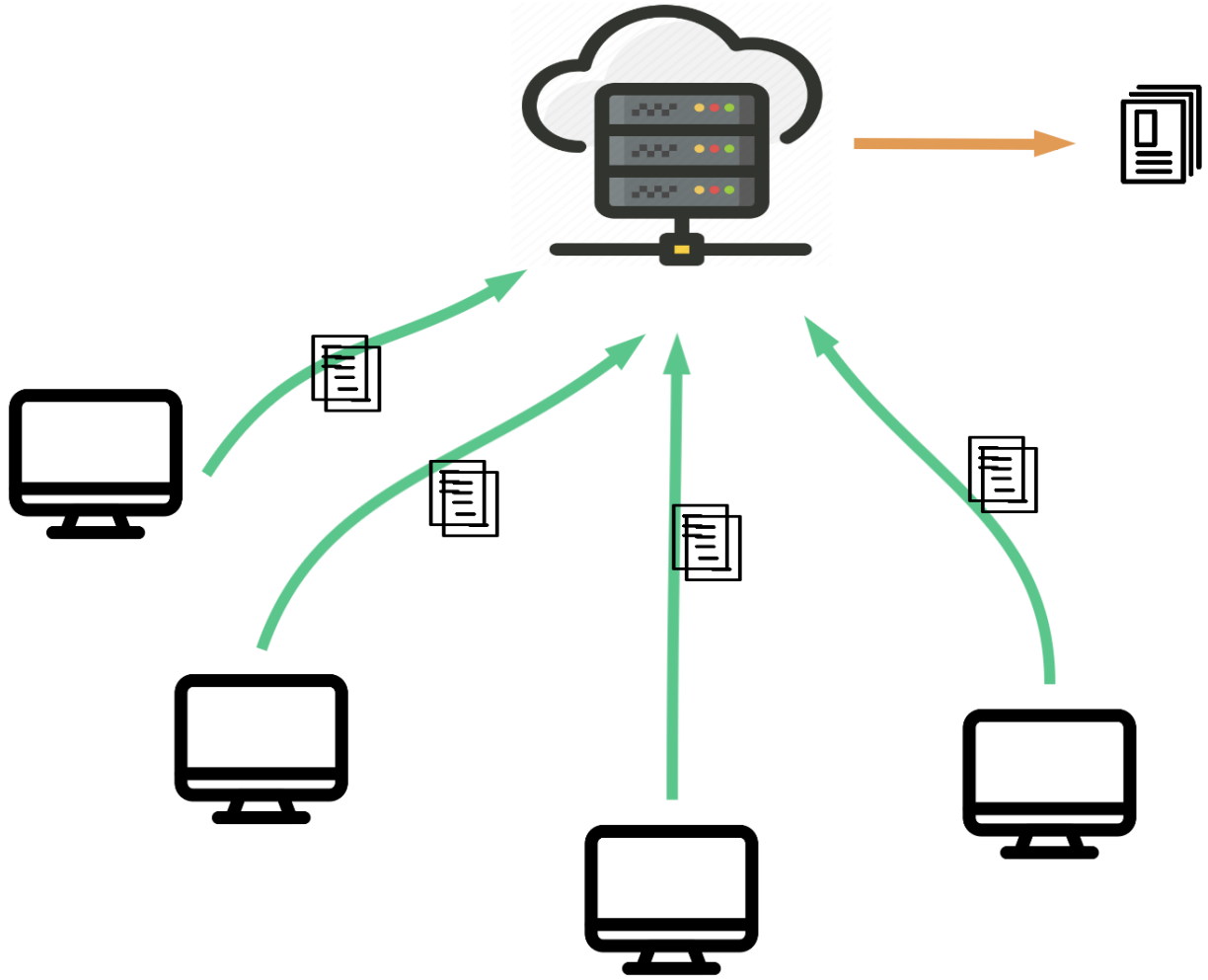
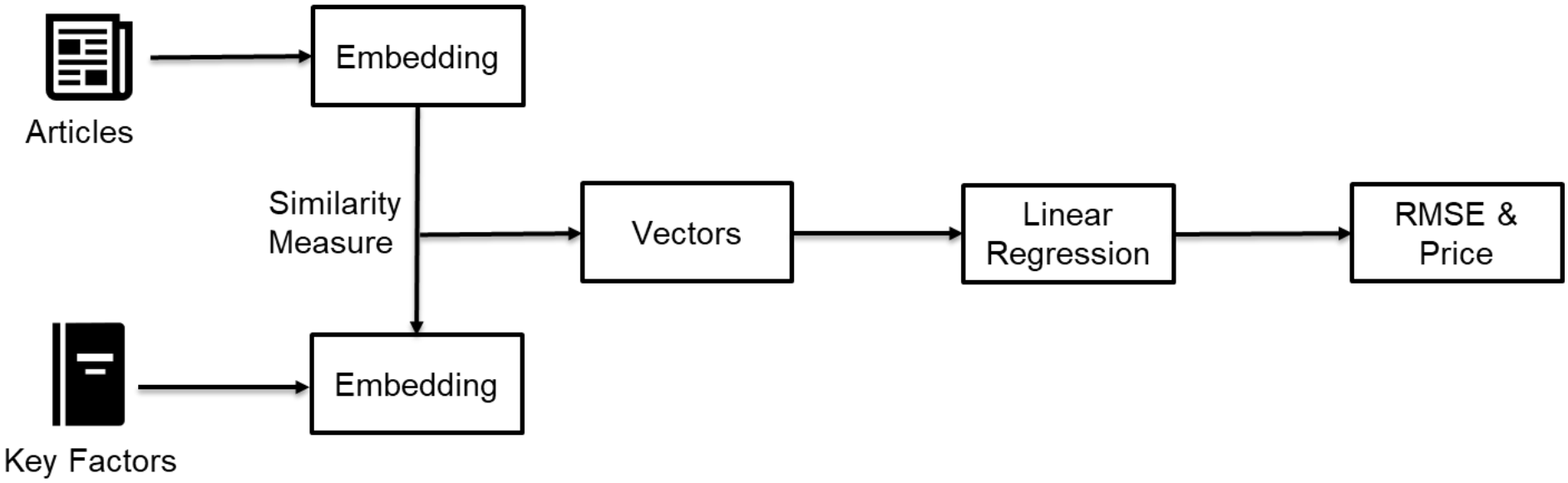


Overview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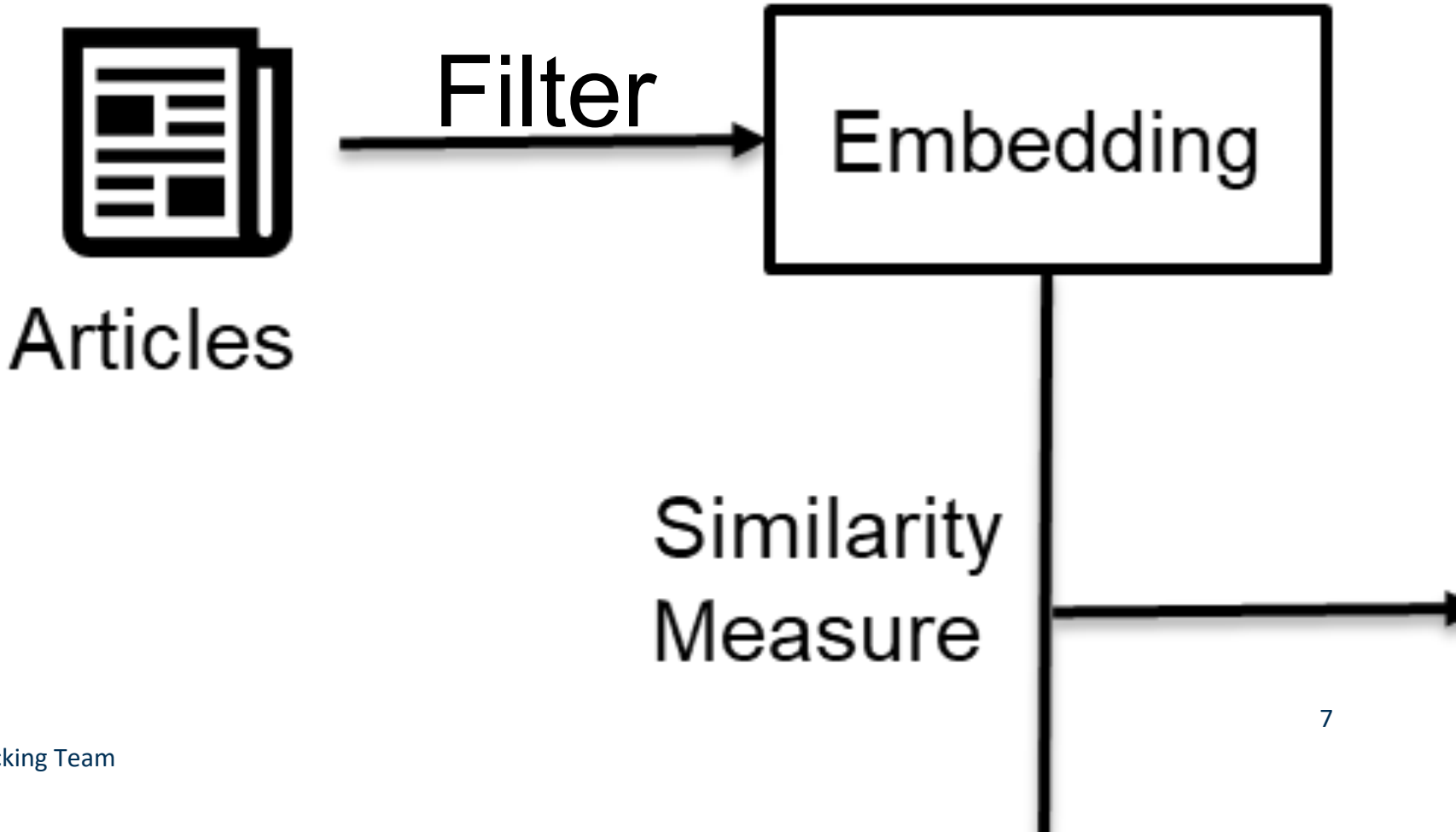
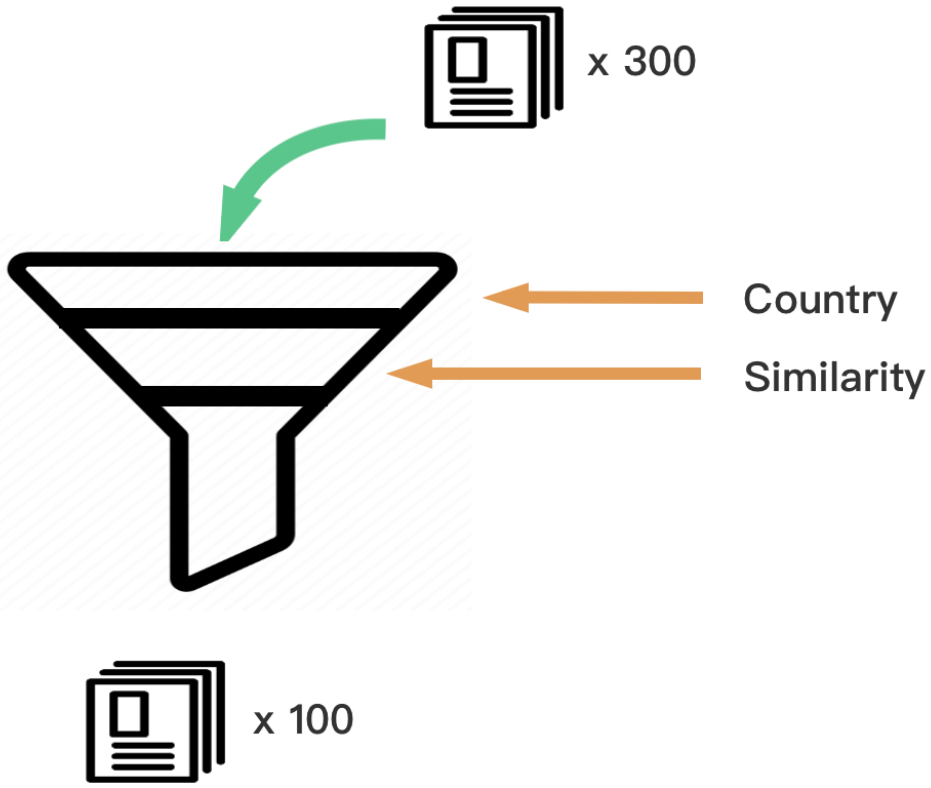
Filter Articles



Filter Articles



Overview

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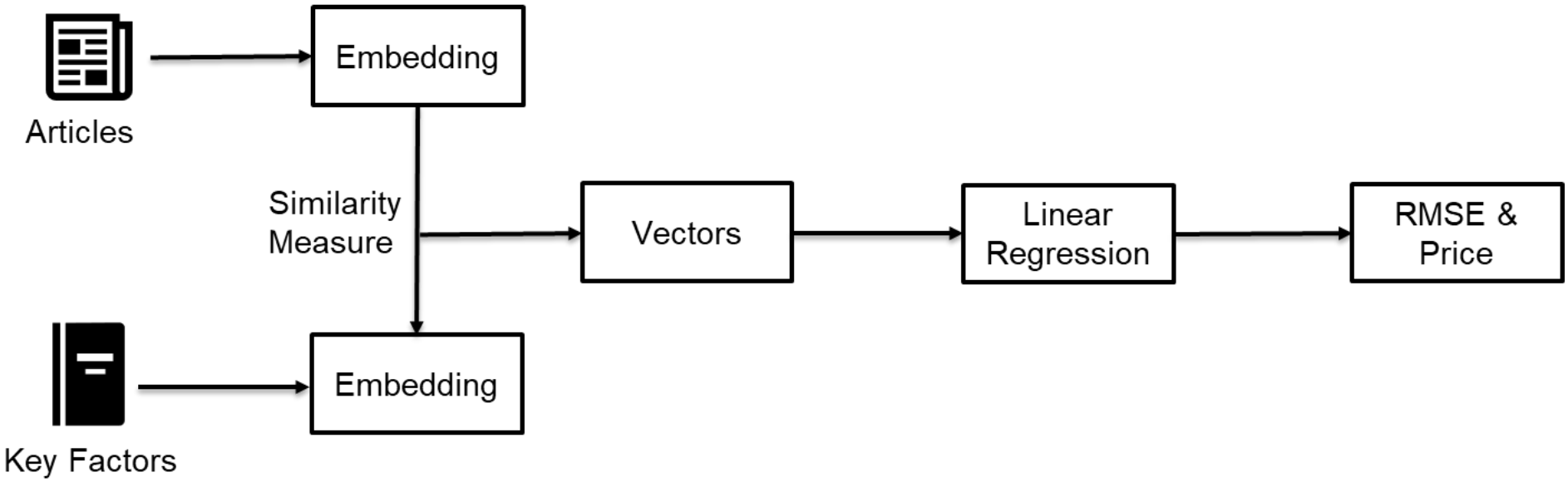
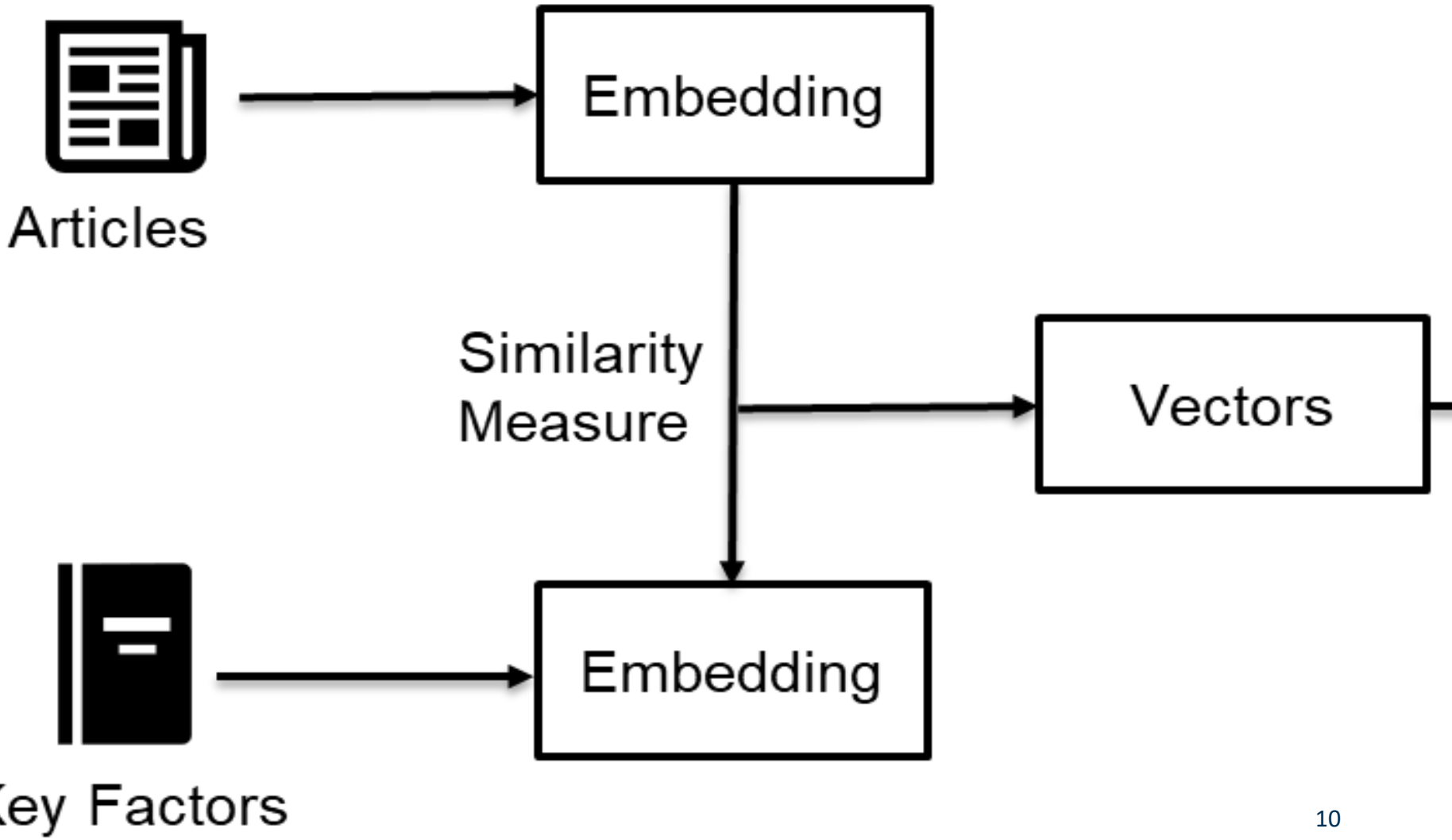


Sentence Embedding



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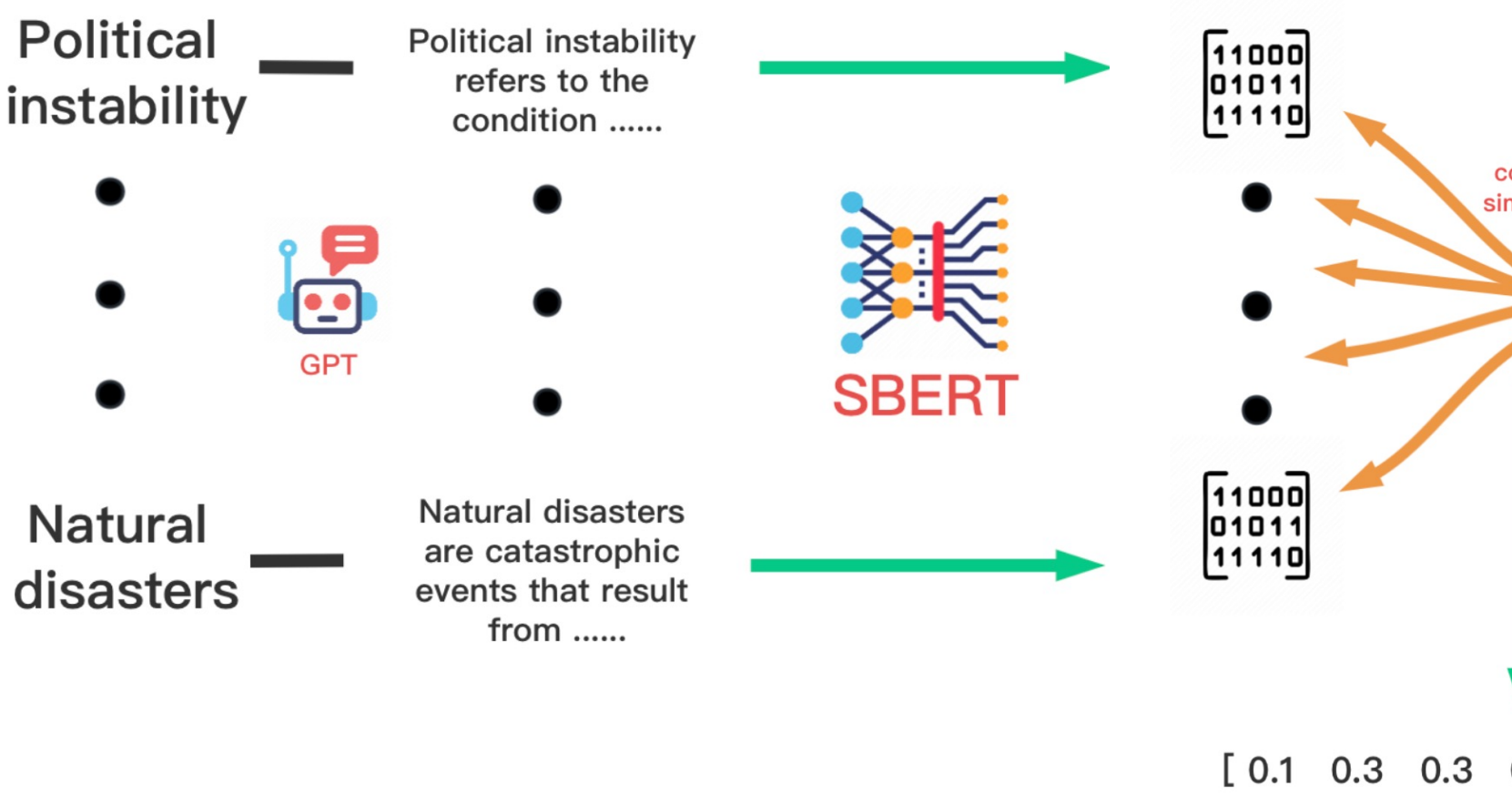

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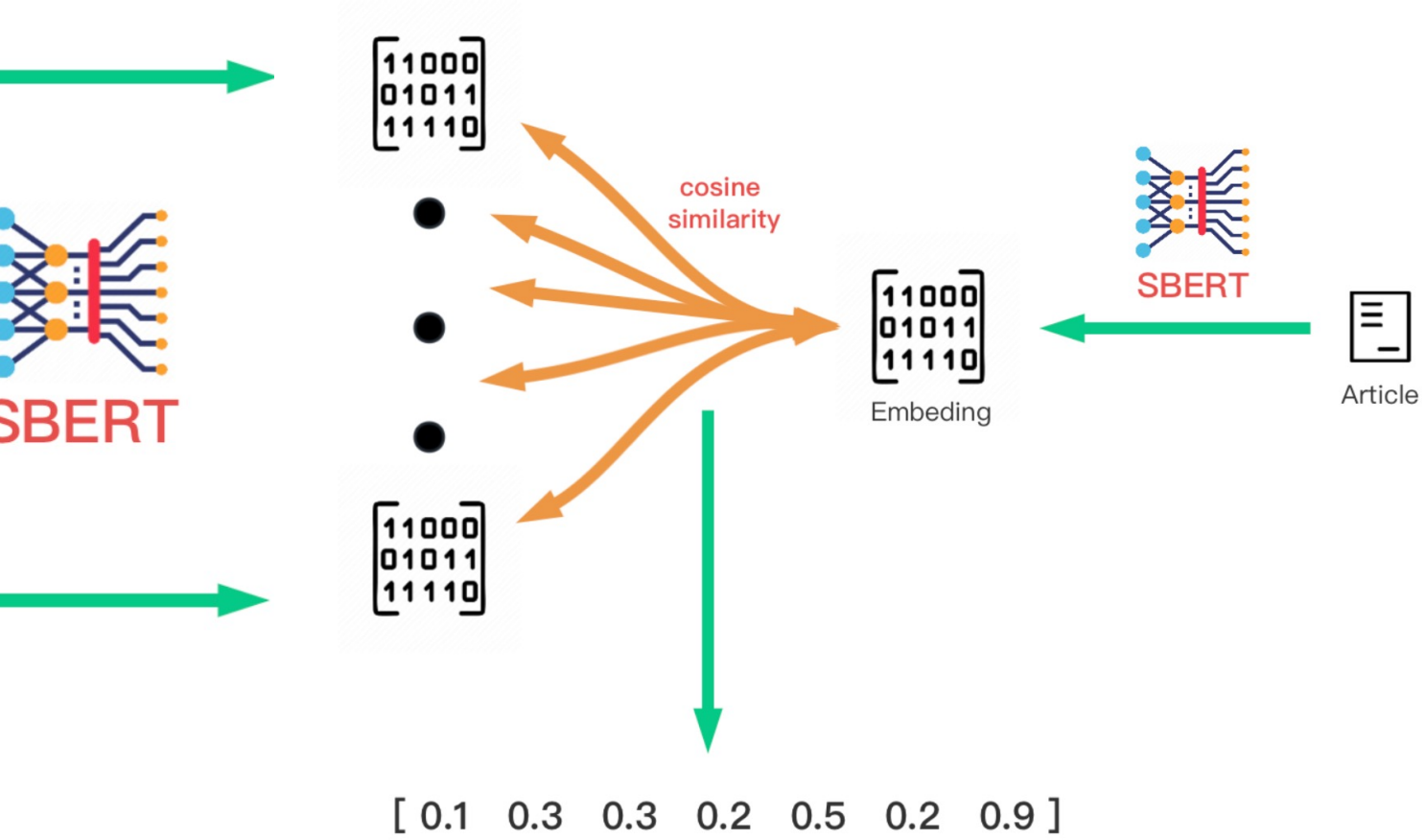

Overview

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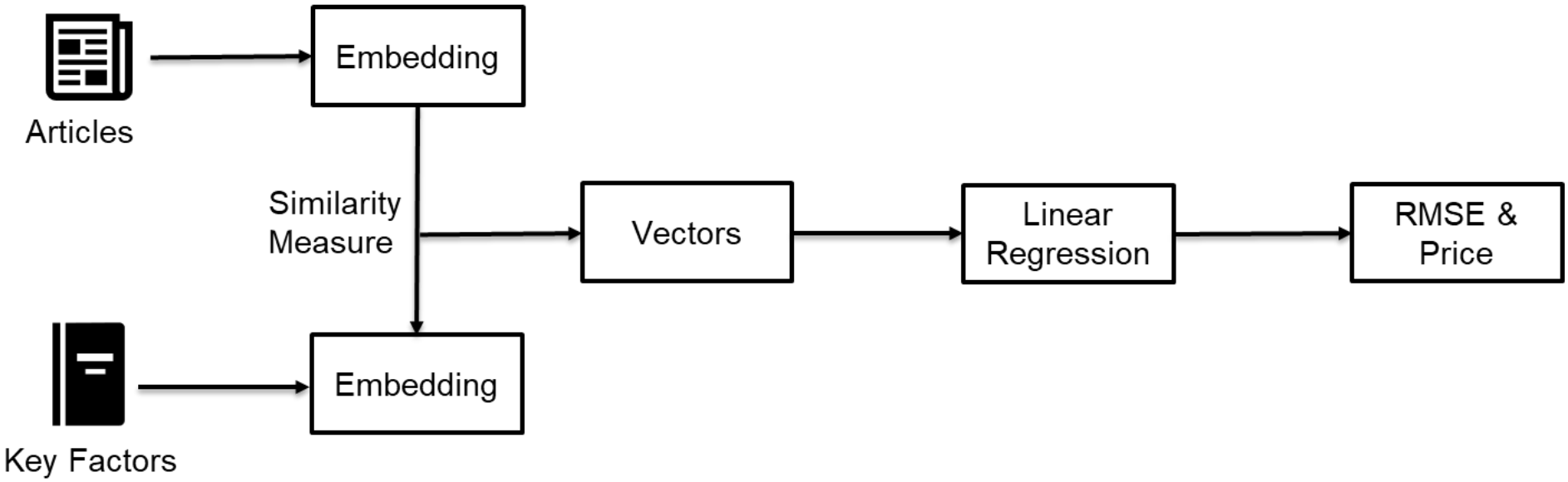
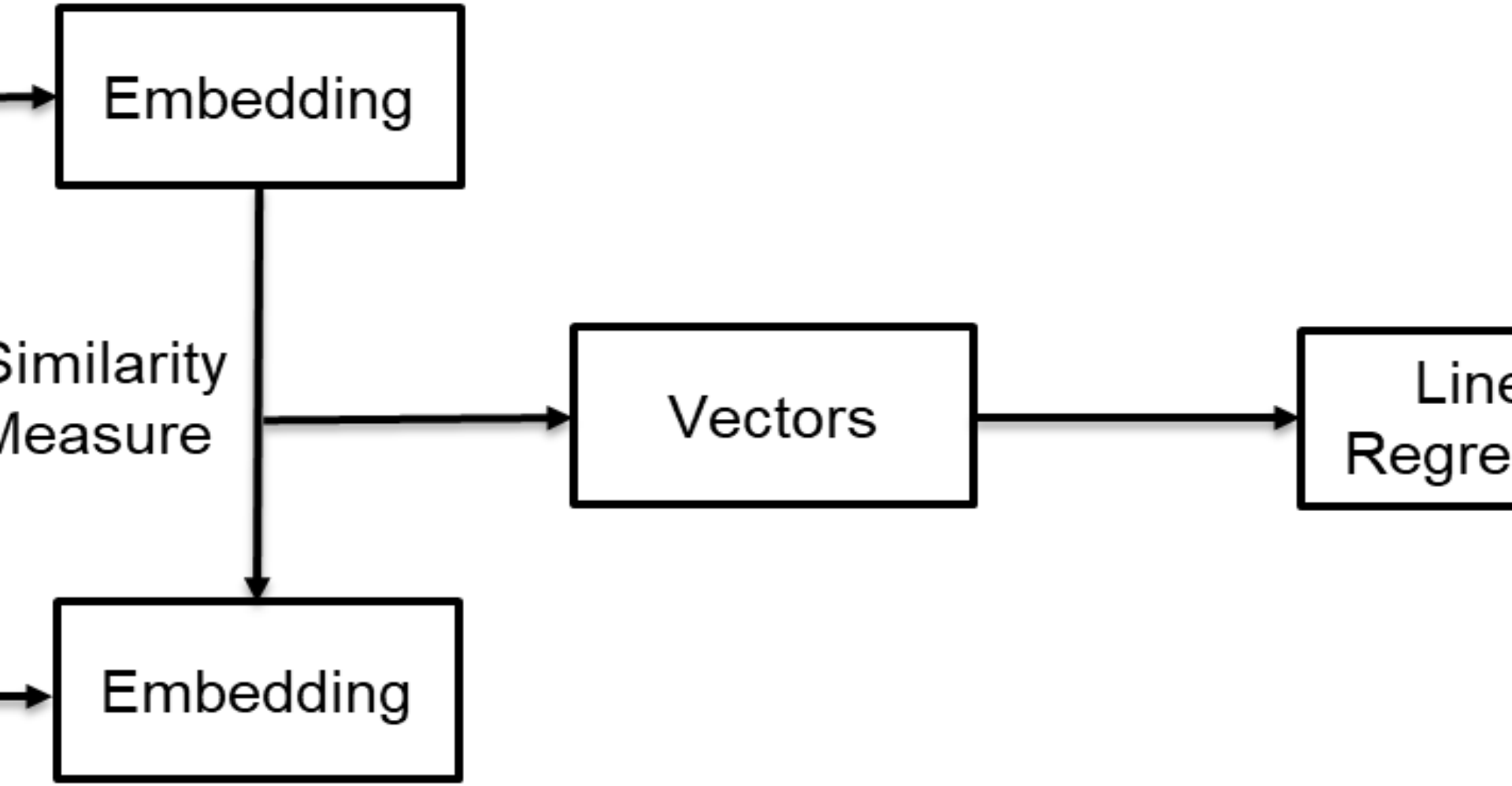


Vectors


Embedding
Similarity Measure
Vectors
Line Regre
Embedding

Vectors - Sentiment Analysis

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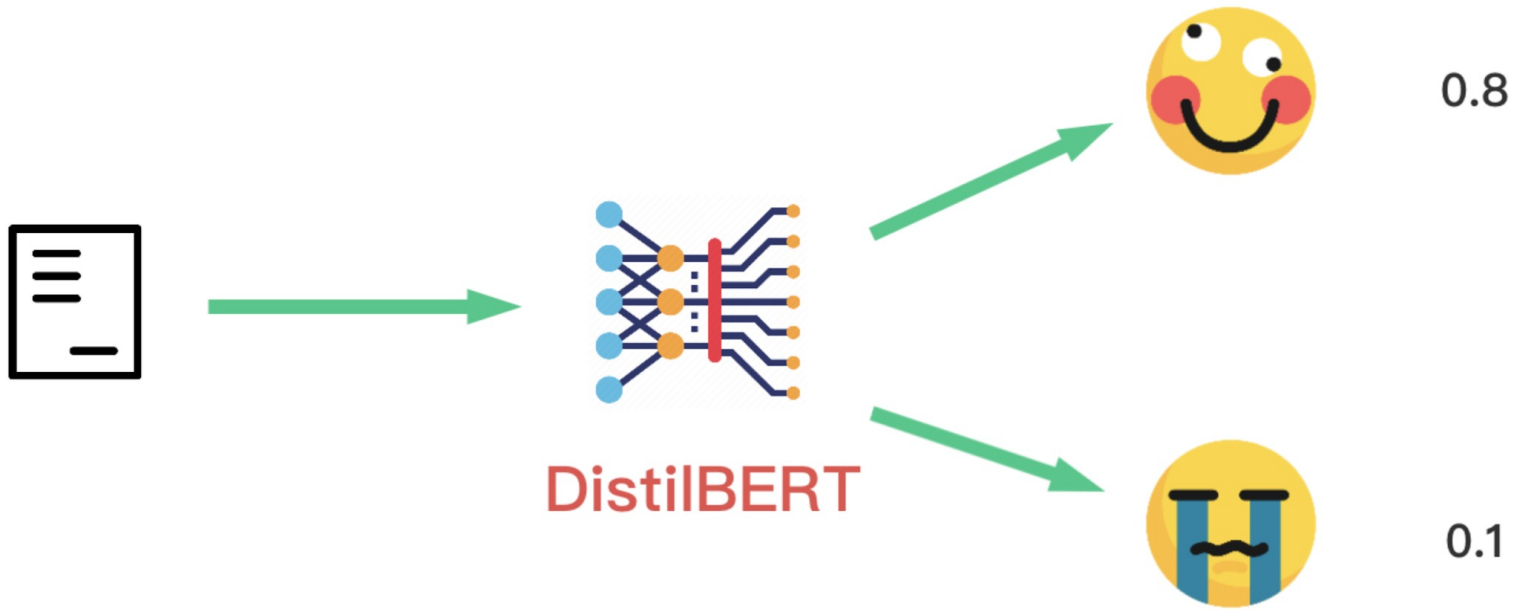
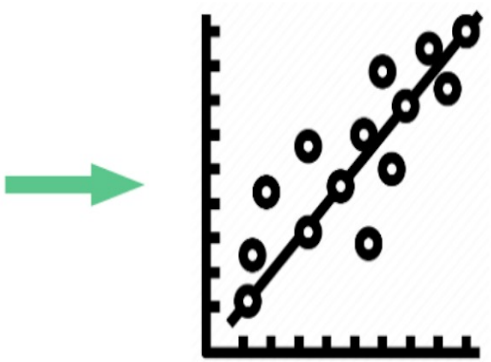


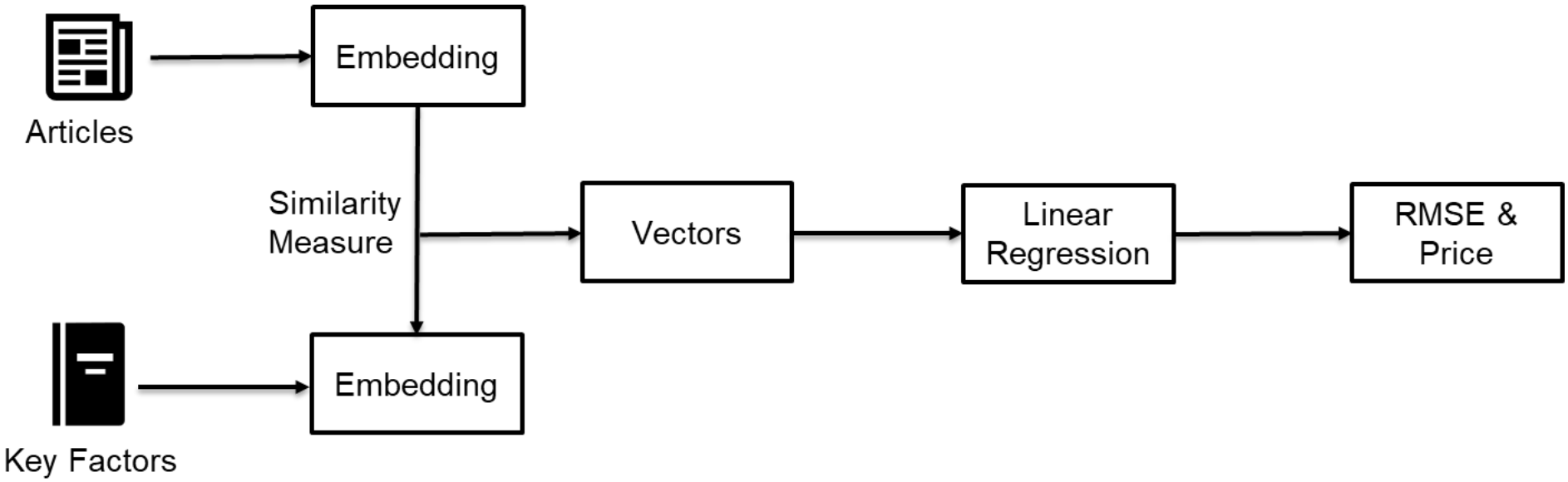
Vectors - Sentiment Analysis

A Path: [0.1 0.3 0.3 0.2 0.5 0.2 0.9] x

B Path: [0.1 0.3 0.3 0.2 0.5 0.2 0.9]



Overview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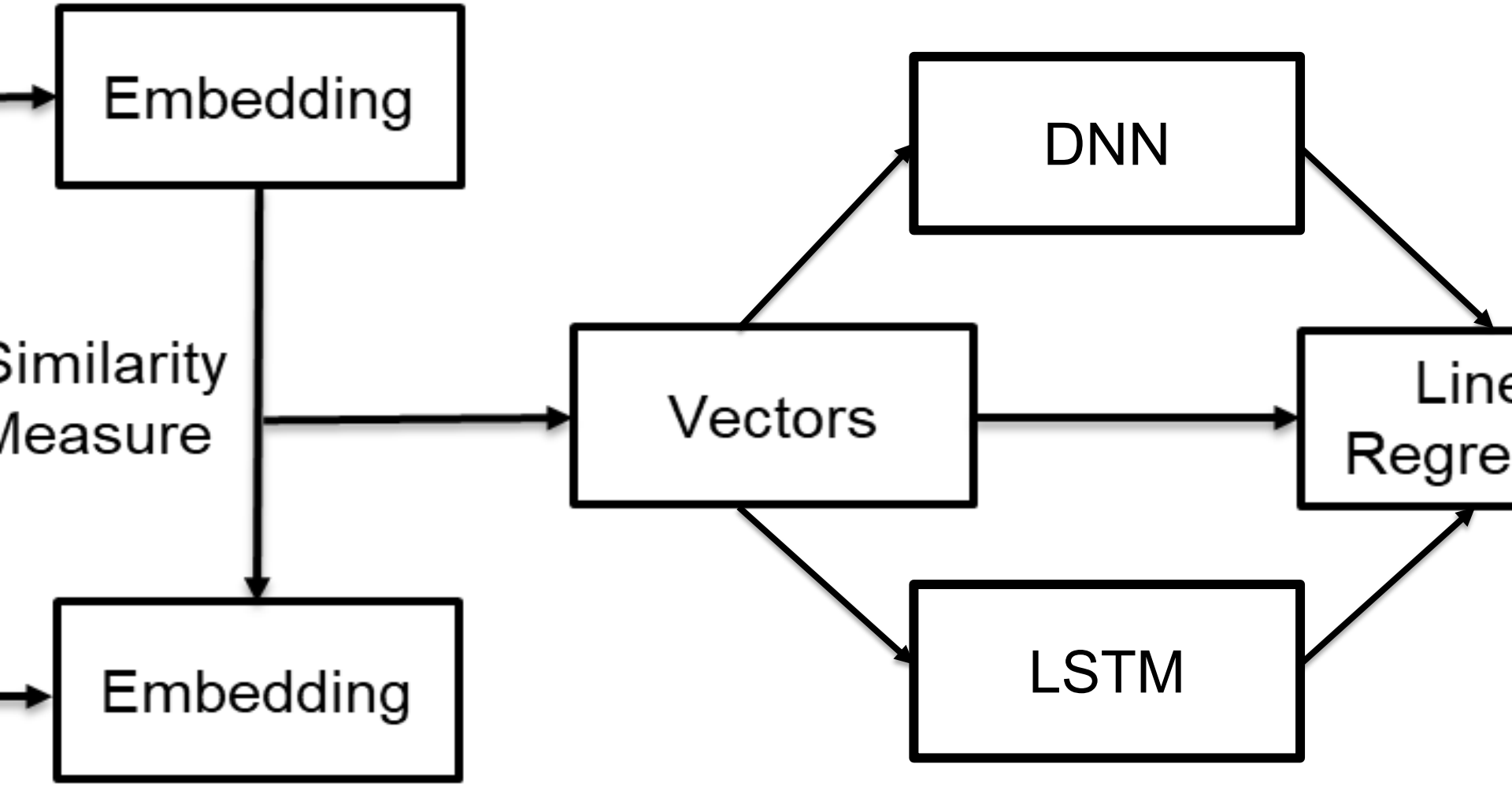
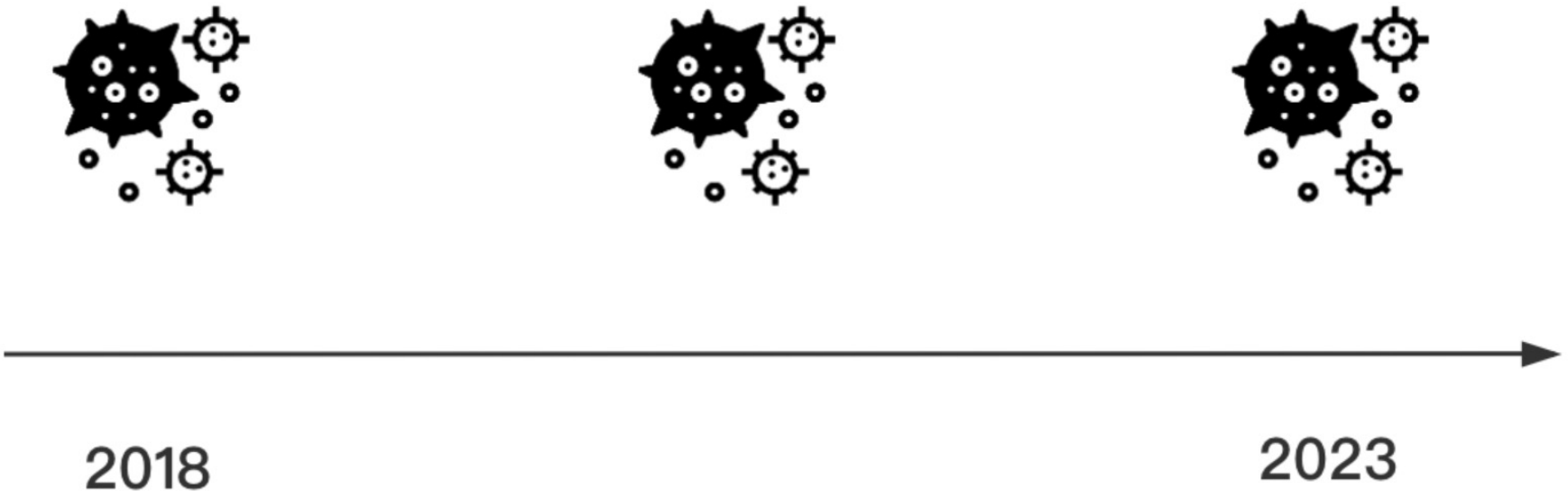
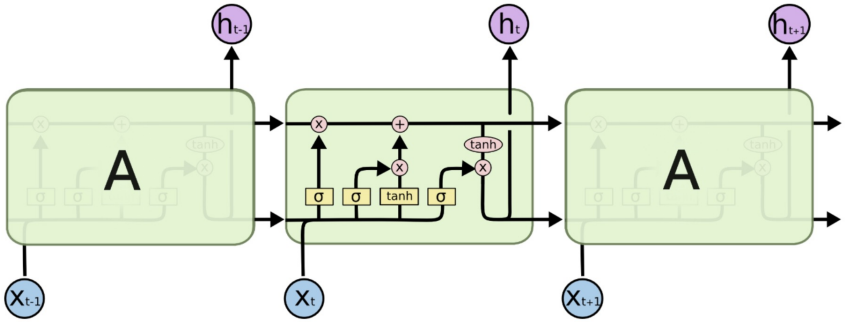
Vectors


Embedding
Similarity Measure
Embedding
Vectors
DNN
LSTM
Line
Regre

Vectors - LSTM & DNN



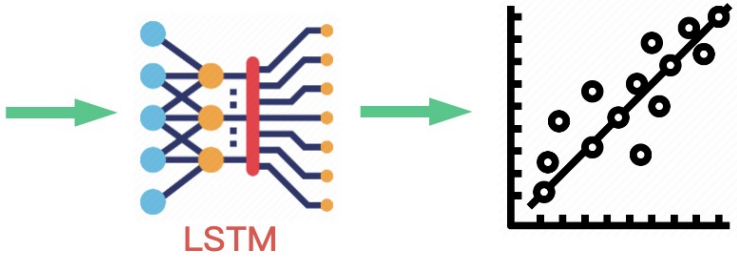
Vectors - LSTM & DNN



Vectors - LSTM & DNN

A Path: [0.1 0.3 0.3 0.2 0.5 0.2 0.9] x

B Path: [0.1 0.3 0.3 0.2 0.5 0.2 0.9]



Overview

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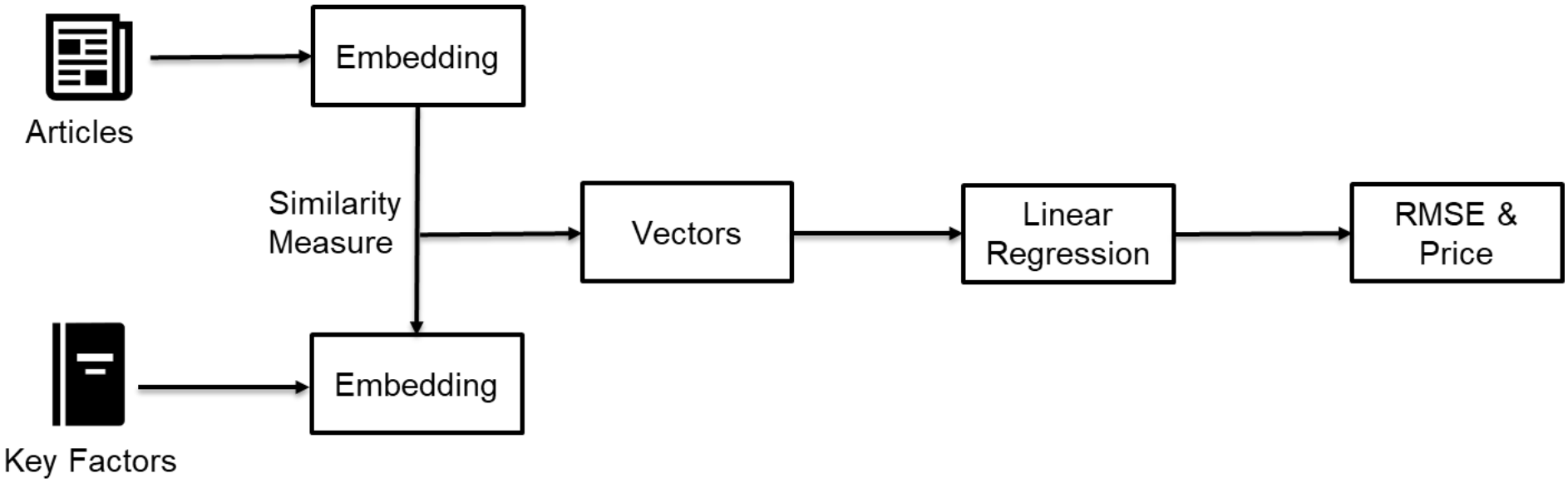
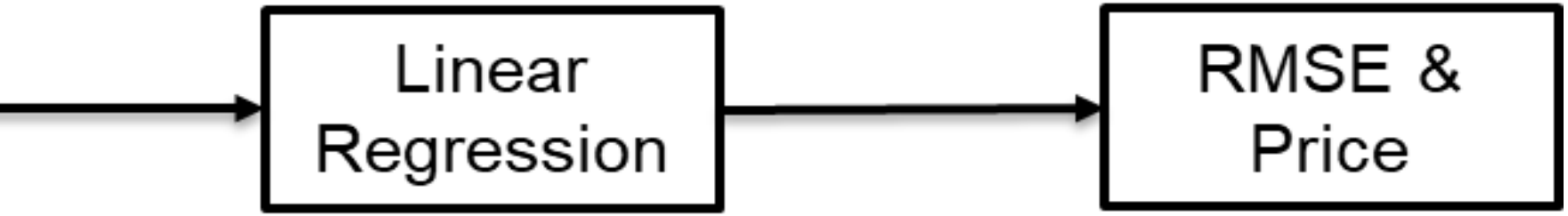


Linear Regression



Linear Regression

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Deploy

Configuration

Choose embedding model:

embedding1

Choose API:

echarts

Choose plot model

Line: Line Race

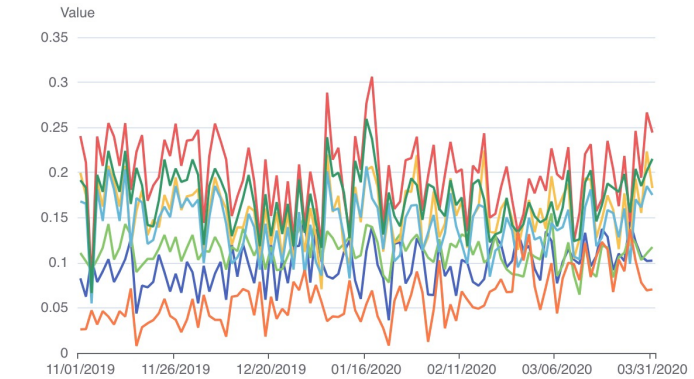
Made with ❤️ by Shocking Team! (Team 2)

50 Articles/day, Without Sentiment, Linear Regression

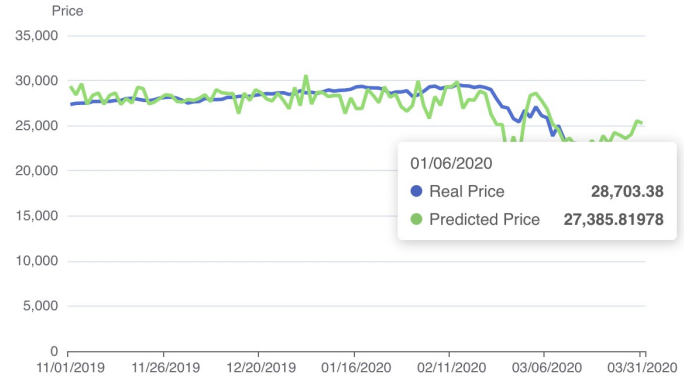
RMSE: 1728.2591

Price Shock Prediction

Semantic Features



Price Shock



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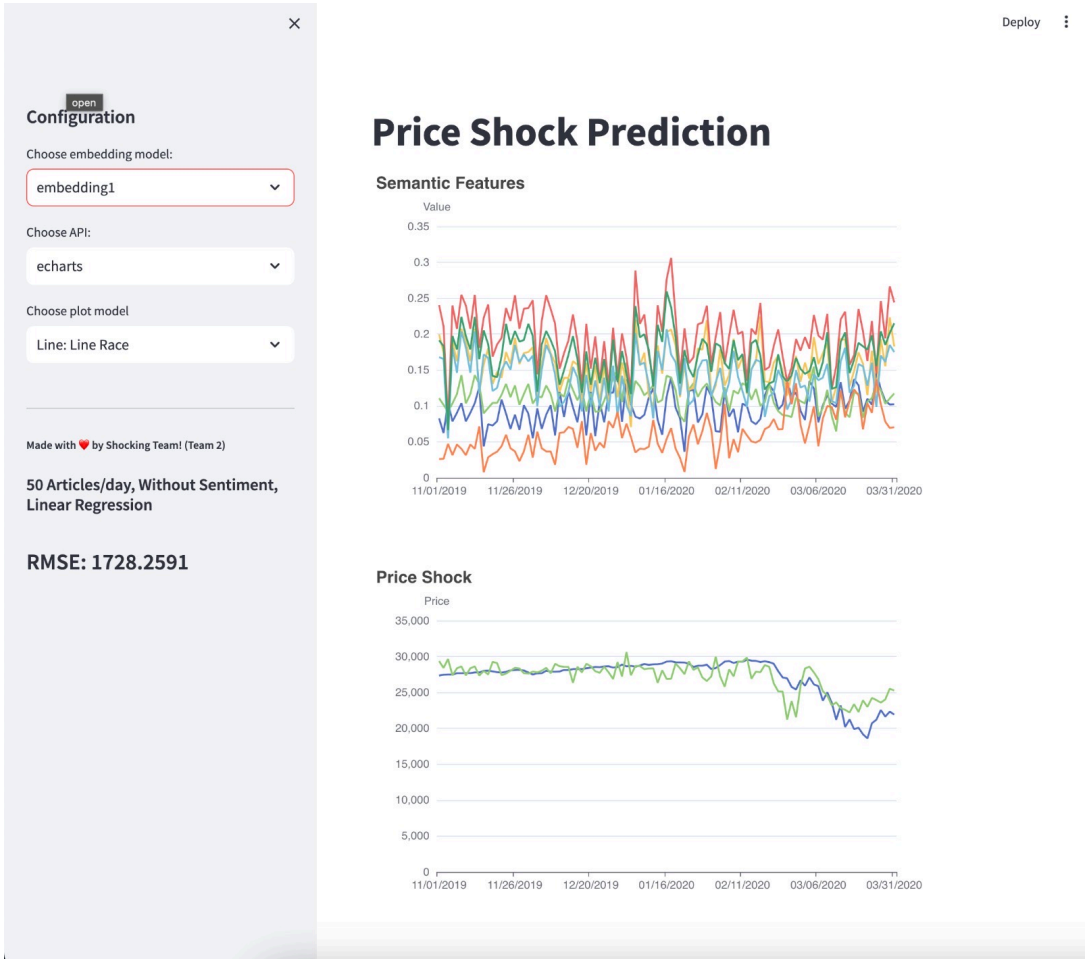

Linear Regression

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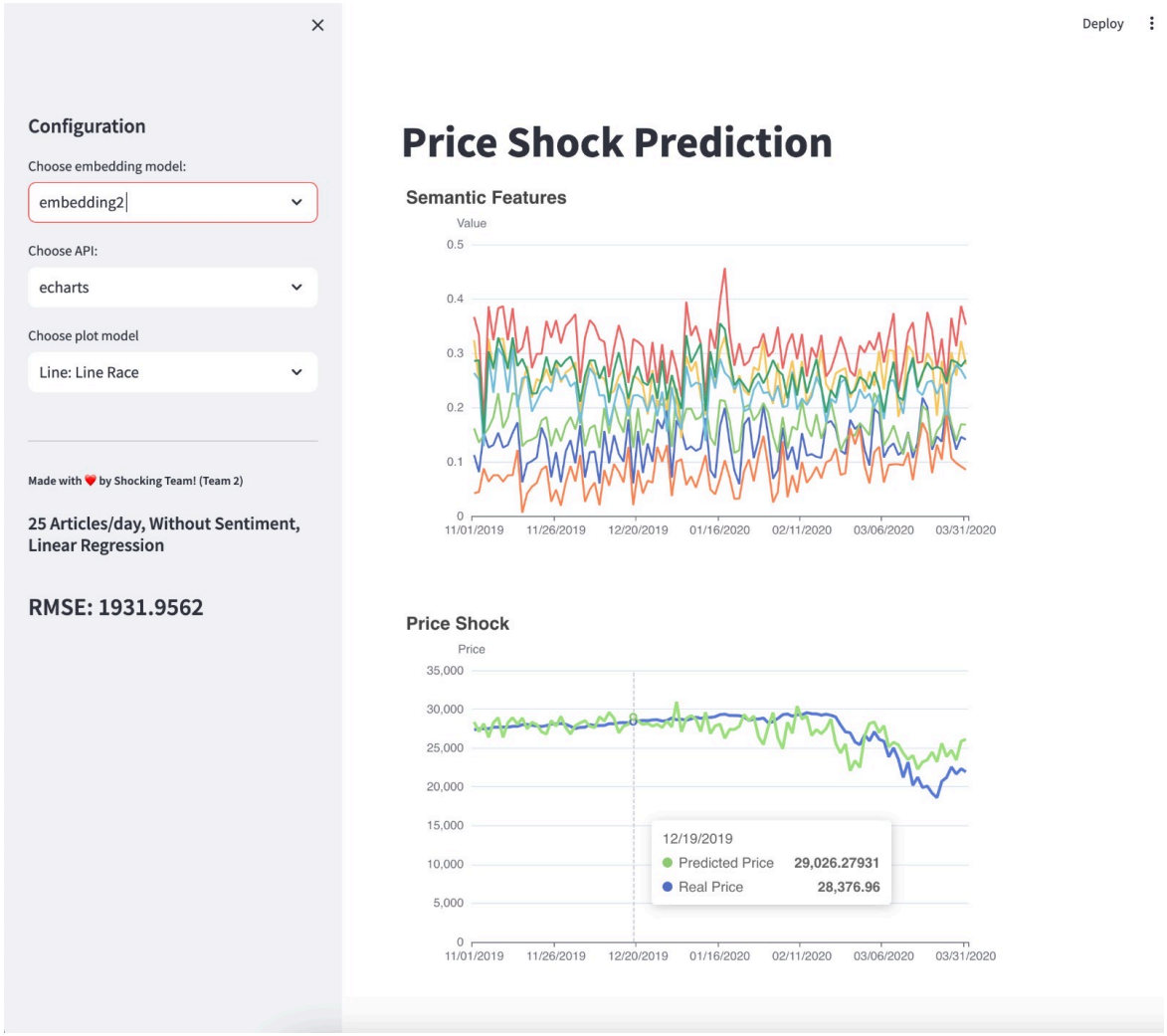
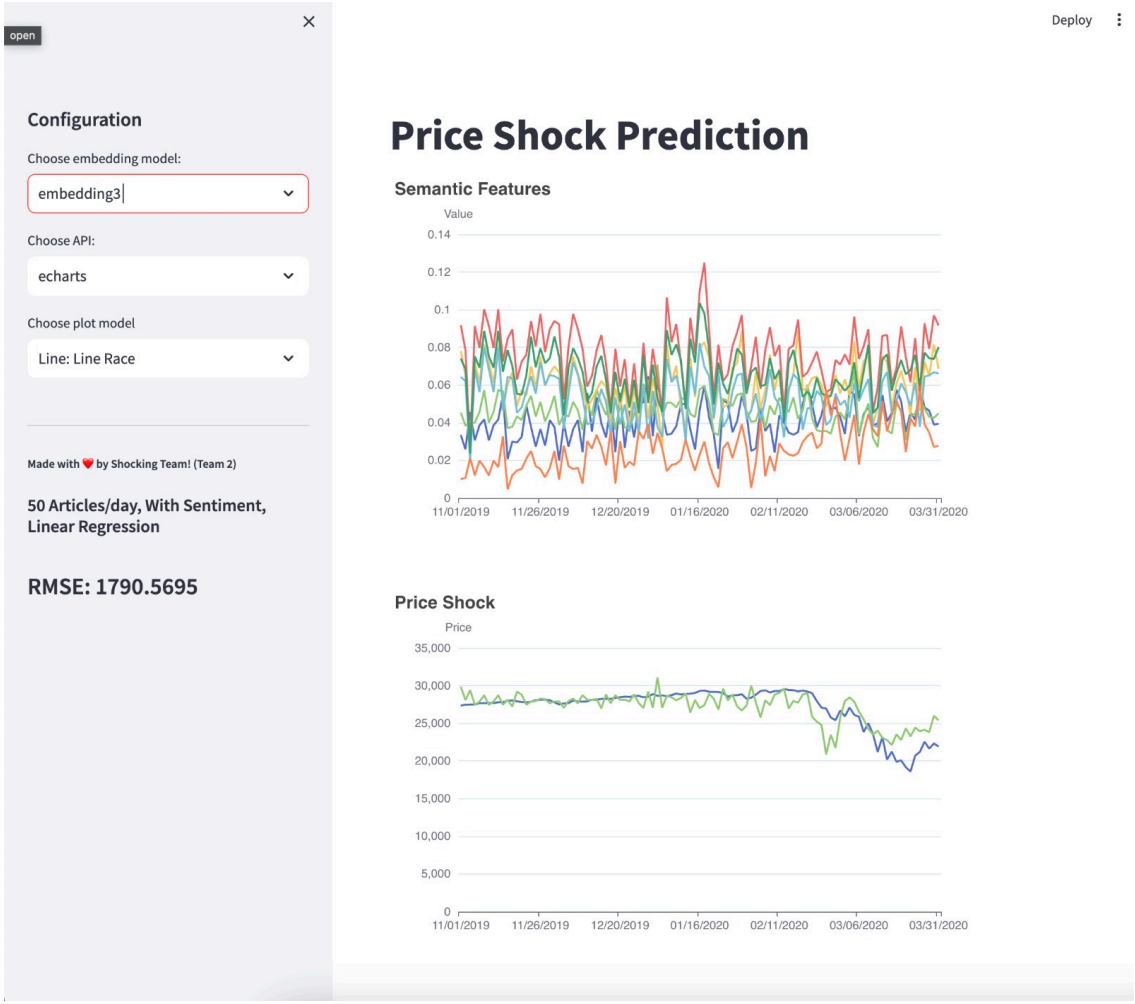


Linear Regression



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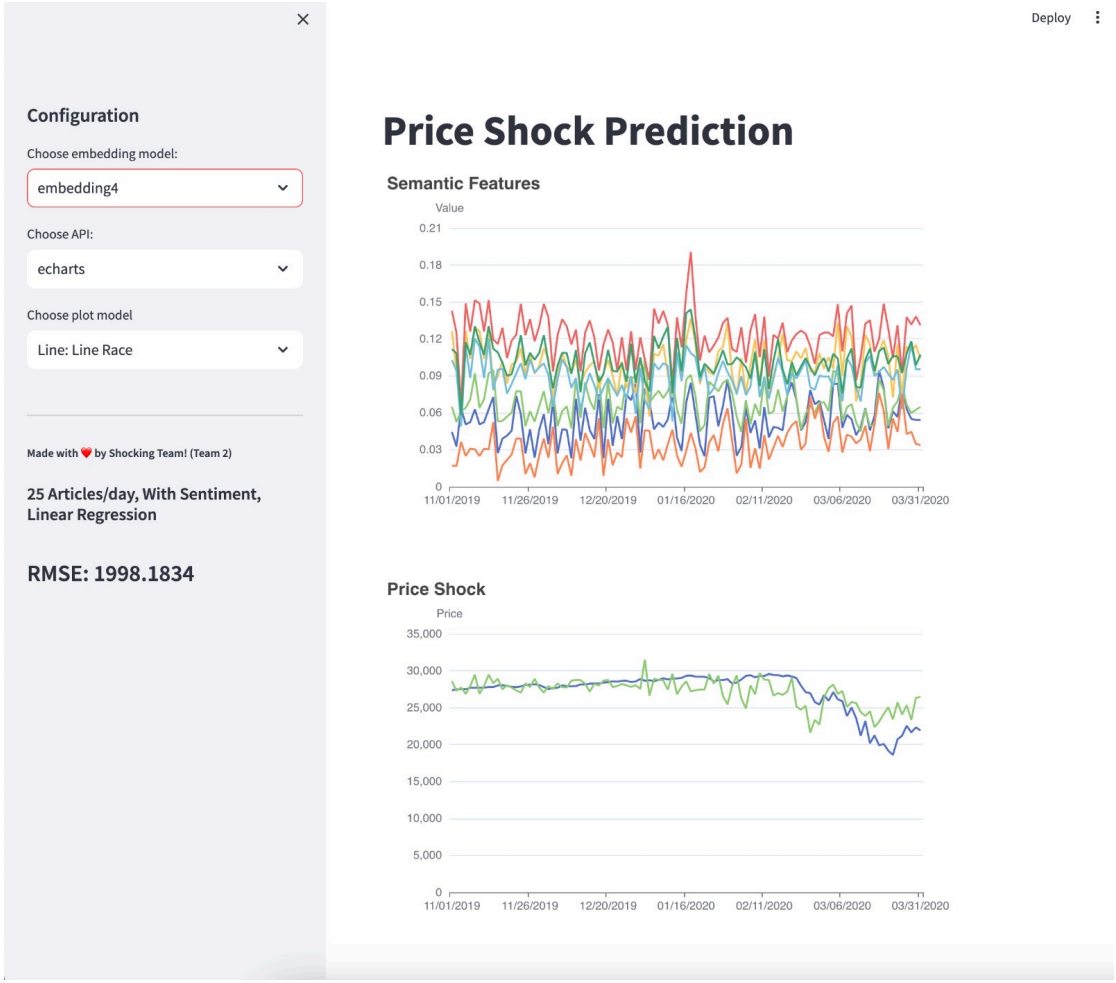

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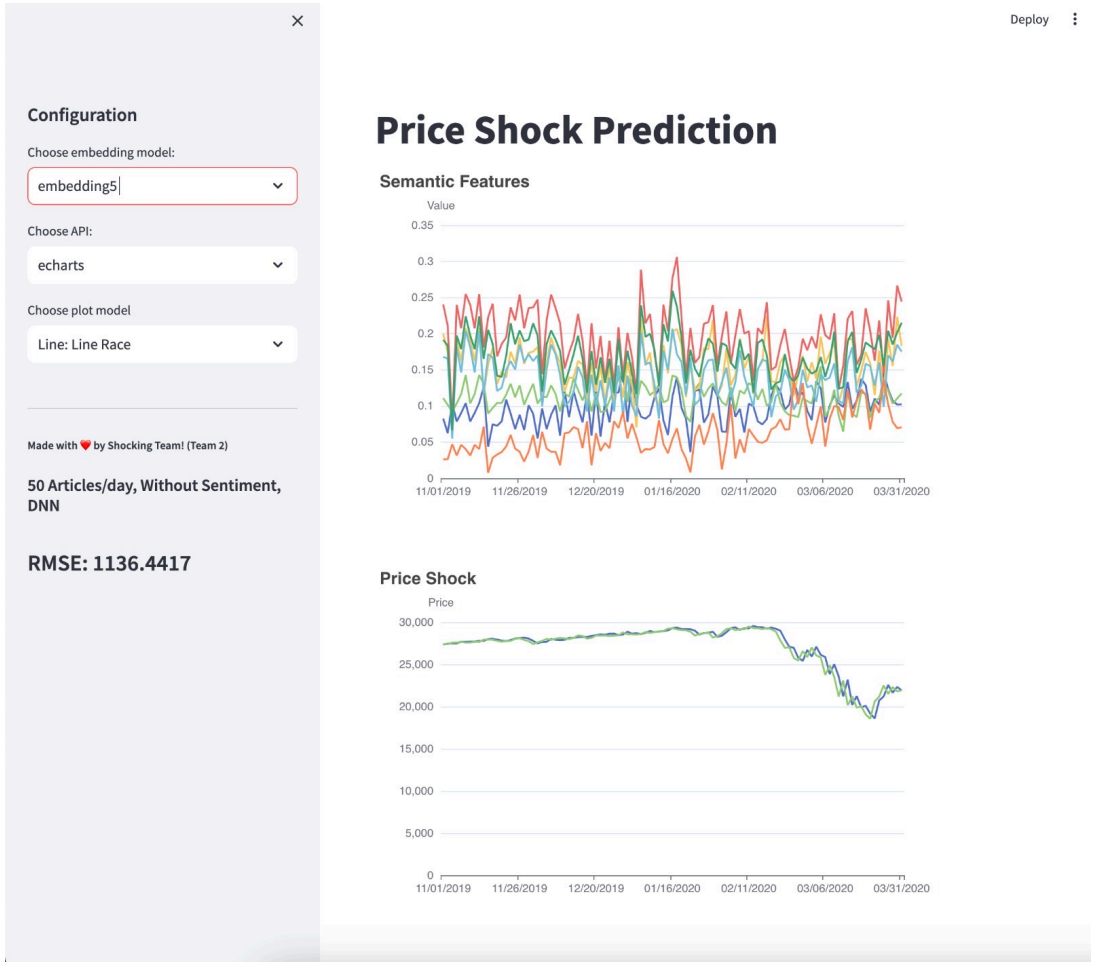

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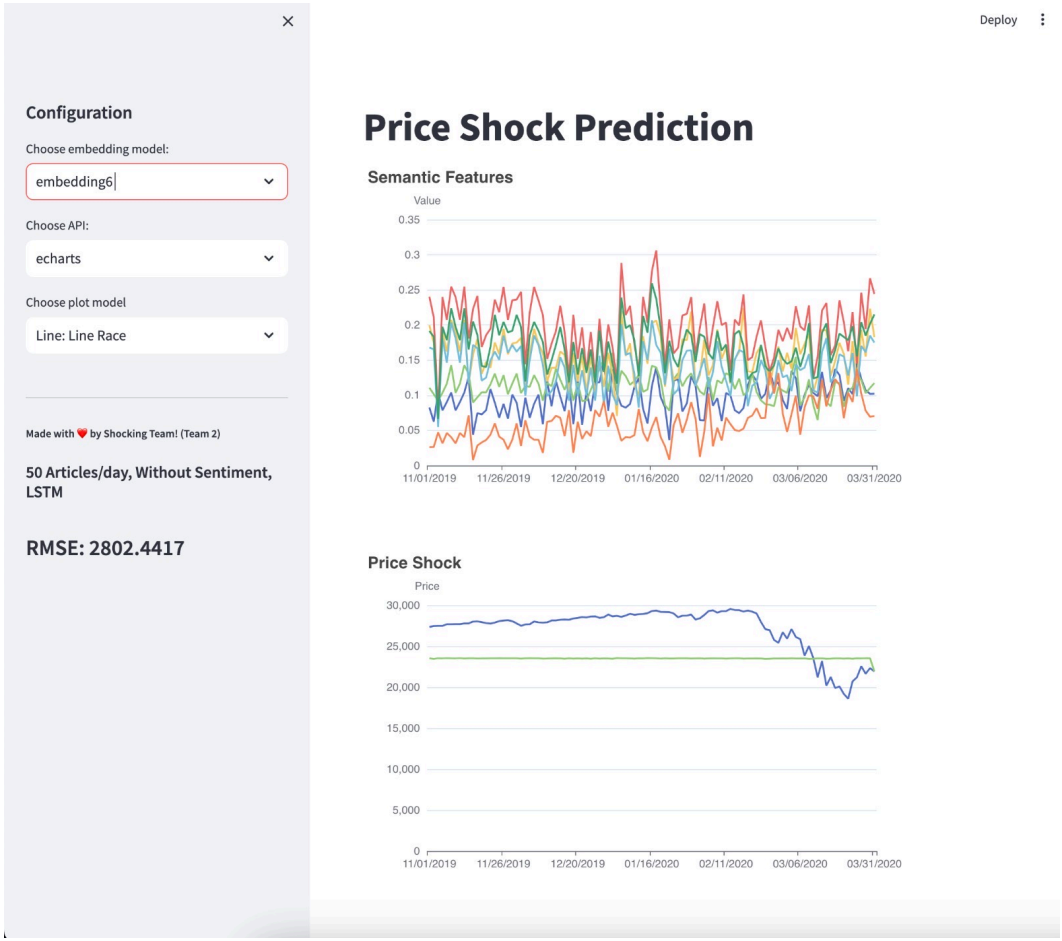

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Thanks for your attention

Questions?