

Step 2: Upload Data

Step 3: Column Mapping and Training

[illegible]

Step 4: Training Logs

```
Epoch 3: loss=1.0429, accuracy=0.4796
Epoch 4: loss=1.0335, accuracy=0.4796
Epoch 5: loss=1.0252, accuracy=0.4796
Epoch 6: loss=1.0185, accuracy=0.4796
Epoch 7: loss=1.0075, accuracy=0.4796
Epoch 8: loss=0.9981, accuracy=0.4896
Epoch 9: loss=0.9896, accuracy=0.4846
Epoch 10: loss=0.9791, accuracy=0.5493
Training completed
```

SEND MODEL TO BACKEND

Vite + React + TensorFlow.js Sentiment Analysis

Step 1: Choose Model

Public Models

SentimentAnalysis
(undefined) - RC: 2

TextAnalysis (undefined) - PG 3

PricePrediction (undefined) -
RC: 4

Selected Model: SentimentAnalysis
Required Columns: text, sentiment
Column 1940:

- **text**: The input text for sentiment analysis.
- **sentiment**: The target sentiment label (-1 for negative, 0 for neutral, 1 for positive).

Step 2: Upload Data

Step 3: Column Mapping and Training

Class comment	Category
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Family respondent (age 30-39)	9
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Eastern has very much ... 1

seriously don't say thing is... 14

What you have learned ya...

Put your own benefits year.....	1
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clean_comments

category

Step 4: Training Logs

Model created and compiled.

embedding_Embedding1 (Embedding [rust,100])	[rust,100,16]	136662
global_average_pooling1_Gl ([rust,100,16])	[rust,16]	0
dense_Dense1 (Dense)	[rust,16]	[rust,3]
		51

DOWNLOAD MODEL

SEND MODEL TO BACKEND

Public Models

Search Models

SentimentAnalysis
(undefined) · RC: 2

TextAnalysis (undefined) ·
RC: 2

PricePrediction (undefined) ·
RC: 4

Page 1 of 1

Selected Model: PricePrediction
Required Columns: GrLivArea, OverallQual,
GarageCars, SalePrice
Column Info:

- GrLivArea: Above ground living area in square feet.
- OverallQual: Overall material and finish quality.
- GarageCars: Number of cars in garage.
- SalePrice: Final sale price of the house (target).

Step 2: Upload Data

Choose file Train (Upload)

Step 3: Column Mapping and Training

Step 3: Map Columns

ID	MSSubClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope	Neig
1	80	RL	80	8450	Pave		Reg	LH	AllPub	Inside	Gr	
2	20	RL	80	9600	Pave		Reg	LH	AllPub	FRS	Gr	
3	90	RL	64	11250	Pave		Reg	LH	AllPub	Inside	Gr	
4	70	RL	80	3050	Pave		Reg	LH	AllPub	Corner	Gr	
5	80	RL	84	14280	Pave		Reg	LH	AllPub	FRS	Gr	

Rows per page: 5 1-5 of 1480

Map GrLivArea Column

GrLivArea

Map OverallQual Column

OverallQual

Map GarageCars Column

GarageCars

Map SalePrice Column

SalePrice

TRAIN MODEL

SWITCH DEVICE

Tensorflow Device: webgl (Suggestion: Use WebGL)

Step 4: Training Logs

Training Logs

Epoch 3: loss=38018046824.0000, MAE=190583.4988
Epoch 4: loss=38612403104.0000, MAE=183573.8628
Epoch 5: loss=38694362208.0000, MAE=182548.8658
Epoch 6: loss=38789775360.0000, MAE=182612.7188
Epoch 7: loss=38767467216.0000, MAE=180454.8281
Epoch 8: loss=38734888960.0000, MAE=180370.0525
Epoch 9: loss=38696027136.0000, MAE=180262.0718
Epoch 10: loss=38631825408.0000, MAE=180105.5000
Training completed.

DOWNLOAD MODEL

SEND MODEL TO BACKEND

Public Models

Search Models

SentimentAnalysis
(undefined) · RC: 2

TextAnalysis (undefined) ·
RC: 2

PricePrediction (undefined) ·
RC: 4

Page 1 of 1

Selected Model: PricePrediction

Required Columns: OverallQual, OverallQual, GarageCars, SalePrice

Column Info

OverallQual: Above ground living area in square feet

OverallQual: Overall material and finish quality

GarageCars: Number of cars in garage

SalePrice: Final sale price of the house (target)

Step 2: Upload Data

Choose file Train (Train)

Step 3: Column Mapping and Training

Step 3: Map Columns

ID	MSBldgClass	MSZoning	LotFrontage	LotArea	Street	Alley	LotShape	LandContour	Utilities	LotConfig	LandSlope	Neig
1	80	RL	88	8450	Pave		Reg	LH	AllPub	Inside	Gr	
2	20	RL	80	9600	Pave		Reg	LH	AllPub	FR2	Gr	
3	00	RL	64	11250	Pave		Reg	LH	AllPub	Inside	Gr	
4	20	RL	80	3050	Pave		Reg	LH	AllPub	Corner	Gr	
5	80	RL	84	14280	Pave		Reg	LH	AllPub	FR2	Gr	

How many columns

OverallQual

How OverallQual column

OverallQual

How OverallQual column

GarageCars

How OverallQual column

SalePrice

TRAIN MODEL

SWITCH DEVICE

Tensorflow Device: wslgpu (Suggestion: Use WEBGPU)

Step 4: Training Logs

Training Logs

Model created and compiled.

Model summary

Layer (type)	Input Shape	Output shape	Param #
dense_Dense7 (Dense)	[[null,5]]	[null,64]	256
dense_Dense3 (Dense)	[[null,64]]	[null,32]	2080
dense_Dense4 (Dense)	[[null,32]]	[null,1]	33

DOWNLOAD MODEL

SEND MODEL TO BACKEND

localhost:5173/ai/personal/library

Art-IEAI TRAININGPERSONAL LIBRARYAGGREGATION MANAGEMENTAI MANAGEMENTAI PLAYGROUND

Models

Private Models

Search Models

SentimentAnalysis (private) - RC: 0

Page 1 of 1

Selected Model: SentimentAnalysis
Required Columns:
Column Info:

Aggregated Models

Search Models

SentimentAnalysis (aggregated) - RC: 0

Page 1 of 1

Selected Model: SentimentAnalysis
Required Columns:
Column Info:

Compute Power

Switch Device

TensorFlow Device: intel (Suggestion: Use WebGL)

Versions for SentimentAnalysis

Version	Date	Download	Load
v1_20230601_202724	2023-06-01	Download	Load
v2_20230601_110749	2023-06-01	Download	Load
v3_20230602_094900	2023-06-02	Download	Load

1 row selected

Rows per page: 51-3 of 3

Select model version from table or upload model.zip file

Upload File

AI playground

Model info

Model Information:
Vocab File: vocab.json
Word Index File: word_index.json
Unique Classes File: unique_classes.json
Model Config File: model_config.json
Number of Unique Classes: 3 (neutral, negative, positive)
Max Sequence Length: 100
I don't know how I feel about this

Predict

Predictions:
• I don't know how I feel about this: negative (54.95%)

localhost:5173/ai/personal/library

Art-IE

AI TRAININGPERSONAL LIBRARYAGGREGATION MANAGEMENTAI MANAGEMENTAI PLAYGROUND

18

Models

Private Models

Search Models

SentimentAnalysis (private) - RC: 0

Page 1 of 1

Selected Model: SentimentAnalysis
Required Columns:
Column Info:

Aggregated Models

Search Models

SentimentAnalysis (aggregated) - RC: 0

Page 1 of 1

Selected Model: SentimentAnalysis
Required Columns:
Column Info:

Compute Power

Switch Device

TensorFlow Device: intel (Suggestion: Use WebGL)

Versions for SentimentAnalysis

Version	Date	Download	Load
v1_20230607_202724	2023-06-07	Download	Load
v2_20230609_110749	2023-06-09	Download	Load
v2_20230602_094900	2023-06-02	Download	Load

1 row selected

Rows per page: 51-3 of 3

Select model version from table or upload model.zip file

Upload File

AI playground

Model info

Model Information:
Vocab File: vocab.json
Word Index File: word_index.json
Unique Classes File: unique_classes.json
Model Config File: model_config.json
Number of Unique Classes: 3 (1, -1, 0)
Max Sequence Length: 100
I don't know how I feel about this

Predict

Predictions:
• I don't know how I feel about this: 0 (40.54%)