report

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1 VAD

author: steeve LAQUITAINE

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1.1 Abstract

Voice activity detection is critical to reduce the computational cost of continuously monitoring large volume of speech data necessary to swiftly detect command utterances such as wakewords. My objective was to code a Voice Activity Detector (VAD) with reasonable performances (Low false rejection rate) based on a neural network within a week and with low computing resources. The model was trained and tested on labelled data from LibriSpeech prepared by SONOS. I used TensorFlow to develop the model and tested several common VAD modifications such as smoothing, minimum speech time, hangover scheme [TODO]. I relied on a set of diverse development and visualization tools to make sense of the data, clean the data and inspect the inner workings of the model and the pipelines. Future work will integrate additional existing speech and noise datasets (some can be found on http://openslr.org). I strived to go beyond just solving the challenge itself.

1.2 Method

1.2.1 Performance metrics

I used False rejection rate (FRR) as the key measure of model performance. FRR also called False negative rate or miss rate equates to 1 - Recall and is calculated as:

$$FRR = \frac{FN}{FN + TP}$$

where "FN", for false negatives are incorrect rejection of speech and TP, for True positives are correct detections of speech.

My reasoning was that:

- the main goal is not to miss speech periods to maximize users satisfaction:
- it is widely used in most paper in the field

The disadvantage of greedily maximizing that metrics is that it could train a model that detects everything as speech, generating lots of false positive, a poor user experience. It is also very computationally expensive.
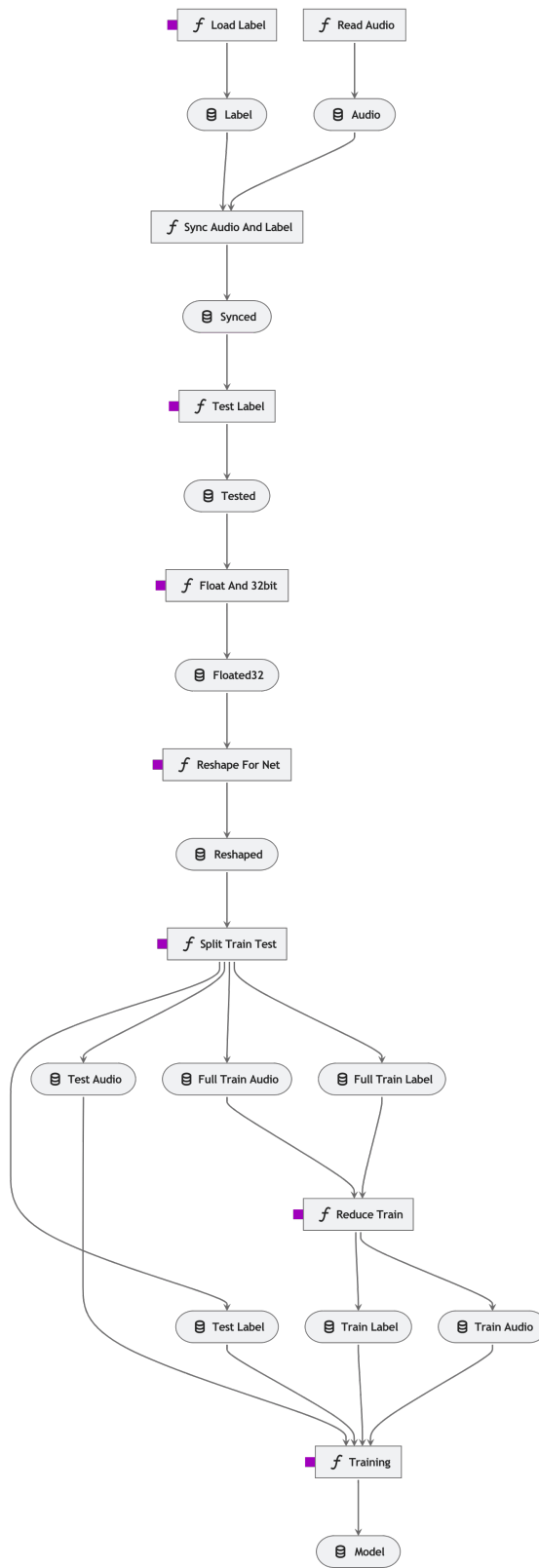
1.2.2 Dataset

The dataset contains 1914 files separated in 957 .wav audio files associated with a label file (n=957) with the same name.
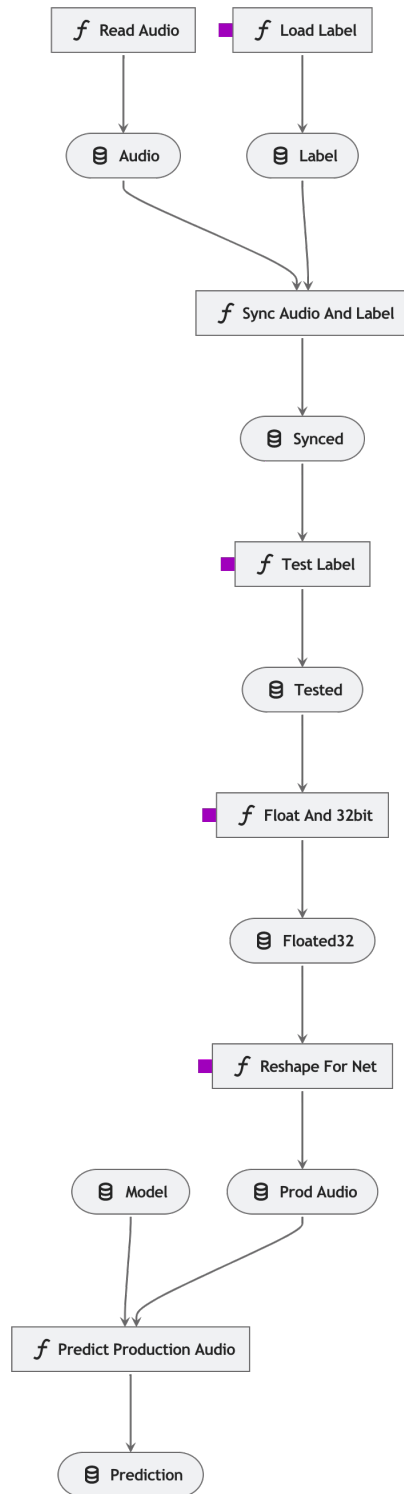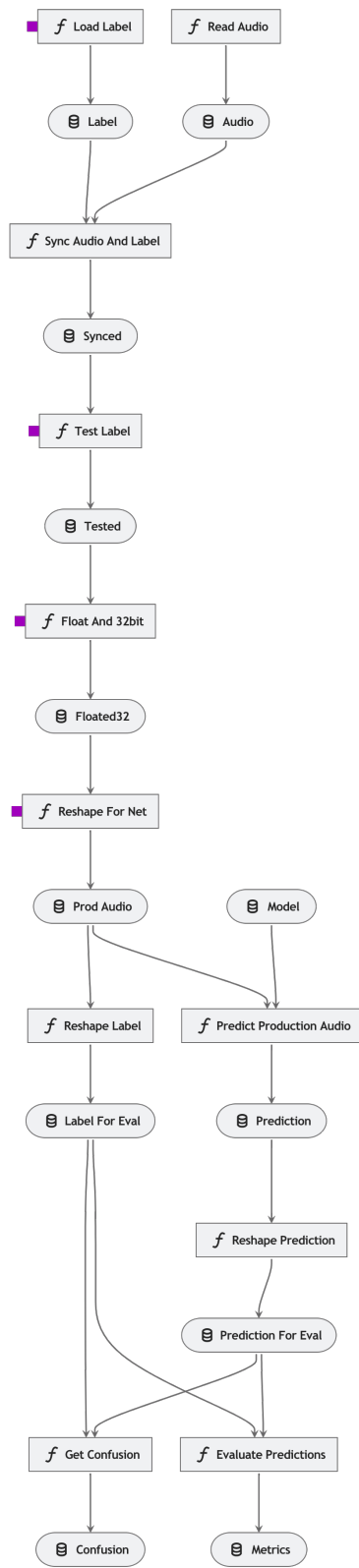
1.2.3 Model implementation

System description

Training pipeline: we display below the directed acyclic graph of our training pipeline, plotted with the `kedro-viz` api.
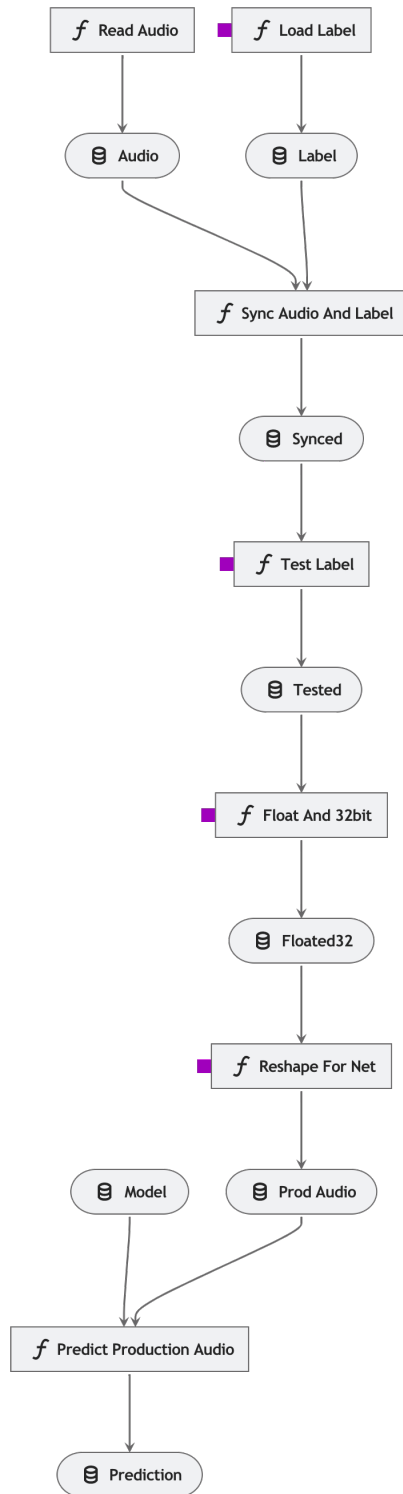
Inference pipeline:

```
┌─────────────────┐   ■ ┌─────────────────┐
│ ƒ  Read Audio   │     │ ƒ  Load Label   │
└─────────────────┘     └─────────────────┘
         │                       │
         ▼                       ▼
   ╭───────────╮           ╭───────────╮
   │ ▤  Audio  │           │ ▤  Label  │
   ╰───────────╯           ╰───────────╯
          │                      │
          └──────────┐   ┌───────┘
                     ▼   ▼
         ┌──────────────────────────────┐
         │ ƒ  Sync Audio And Label      │
         └──────────────────────────────┘
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                 ╭───────────╮
                 │ ▤  Synced │
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          ■ ┌──────────────────┐
            │ ƒ  Test Label    │
            └──────────────────┘
                       │
                       ▼
                 ╭───────────╮
                 │ ▤  Tested │
                 ╰───────────╯
                       │
                       ▼
          ■ ┌──────────────────┐
            │ ƒ  Float And 32bit│
            └──────────────────┘
                       │
                       ▼
               ╭──────────────╮
               │ ▤  Floated32 │
               ╰──────────────╯
                       │
                       ▼
          ■ ┌──────────────────┐
            │ ƒ  Reshape For Net│
            └──────────────────┘
                       │
    ╭───────────╮      ▼
    │ ▤  Model  │  ╭───────────────╮
    ╰───────────╯  │ ▤  Prod Audio │
          │        ╰───────────────╯
          └──────────┐   ┌──────────┘
                     ▼   ▼
      ┌──────────────────────────────────┐
      │ ƒ  Predict Production Audio       │
      └──────────────────────────────────┘
                       │
                       ▼
               ╭──────────────╮
               │ ▤  Prediction│
               ╰──────────────╯
```

Evaluation pipeline

```
┌──────────────┐        ┌──────────────┐
│ ƒ Load Label │        │ ƒ Read Audio │
└──────────────┘        └──────────────┘
        │                       │
        ▼                       ▼
  ╭──────────╮            ╭──────────╮
  │ 🗄 Label  │            │ 🗄 Audio  │
  ╰──────────╯            ╰──────────╯
        │                    │
        └──────────┐  ┌──────┘
                   ▼  ▼
        ┌────────────────────────┐
        │ ƒ Sync Audio And Label │
        └────────────────────────┘
                   │
                   ▼
            ╭──────────╮
            │ 🗄 Synced │
            ╰──────────╯
                   │
                   ▼
        ┌──────────────┐
        │ ƒ Test Label │
        └──────────────┘
                   │
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            ╭──────────╮
            │ 🗄 Tested │
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        ┌──────────────────┐
        │ ƒ Float And 32bit │
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        ┌──────────────────┐
        │ ƒ Reshape For Net │
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        ╭─────────────╮       ╭──────────╮
        │ 🗄 Prod Audio │       │ 🗄 Model  │
        ╰─────────────╯       ╰──────────╯
           │       │              │
           ▼       └───────┐  ┌───┘
  ┌────────────────┐       ▼  ▼
  │ ƒ Reshape Label │   ┌──────────────────────────┐
  └────────────────┘   │ ƒ Predict Production Audio │
           │            └──────────────────────────┘
           ▼                       │
  ╭─────────────────╮              ▼
  │ 🗄 Label For Eval │       ╭───────────────╮
  ╰─────────────────╯       │ 🗄 Prediction  │
           │                 ╰───────────────╯
           │                        │
           │                        ▼
           │              ┌────────────────────┐
           │              │ ƒ Reshape Prediction │
           │              └────────────────────┘
           │                        │
           │                        ▼
           │              ╭──────────────────────╮
           │              │ 🗄 Prediction For Eval │
           │              ╰──────────────────────╯
           │                   │
  ┌────────────────┐   ┌──────────────────────┐
  │ ƒ Get Confusion │   │ ƒ Evaluate Predictions │
  └────────────────┘   └──────────────────────┘
           │                        │
           ▼                        ▼
   ╭─────────────╮          ╭──────────╮
   │ 🗄 Confusion │          │ 🗄 Metrics │
   ╰─────────────╯          ╰──────────╯
```

we display below our inference pipeline.

```
┌──────────────┐        ┌──────────────┐
│ ƒ  Read Audio│   ■    │ ƒ  Load Label│
└──────────────┘        └──────────────┘
        │                       │
        ▼                       ▼
   ╭─────────╮            ╭─────────╮
   │ 🗄 Audio │            │ 🗄 Label │
   ╰─────────╯            ╰─────────╯
         │                   │
          ╲                 ╱
           ▼               ▼
      ┌────────────────────────────┐
      │ ƒ  Sync Audio And Label    │
      └────────────────────────────┘
                    │
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             ╭───────────╮
             │ 🗄 Synced  │
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                    │
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        ■  ┌──────────────┐
           │ ƒ  Test Label│
           └──────────────┘
                    │
                    ▼
             ╭───────────╮
             │ 🗄 Tested  │
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                    │
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        ■  ┌──────────────────┐
           │ ƒ  Float And 32bit│
           └──────────────────┘
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             │ 🗄 Floated32 │
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        ■  ┌──────────────────┐
           │ ƒ  Reshape For Net│
           └──────────────────┘
                    │
                    ▼
   ╭─────────╮            ╭─────────────╮
   │ 🗄 Model │            │ 🗄 Prod Audio│
   ╰─────────╯            ╰─────────────╯
         │                   │
          ╲                 ╱
           ▼               ▼
      ┌────────────────────────────┐
      │ ƒ  Predict Production Audio │
      └────────────────────────────┘
                    │
                    ▼
             ╭───────────────╮
             │ 🗄 Prediction  │
             ╰───────────────╯
```

Neural network architecture: Due to poor computational power, I develop on a laptop, I chose to test minimal network architectures containing up to two hidden layers and a dense binary classification layer. I show the single GRU layer's network's conceptual graph generated by the tensorboard api below.

After cloning the project's repository, the graph can be loaded in your web browser by running the command below in a linux (or MacOS unix) terminal:

```
cd ../vad
tensorboard --logdir tbruns
```

where ../vad is the clone repository directory.
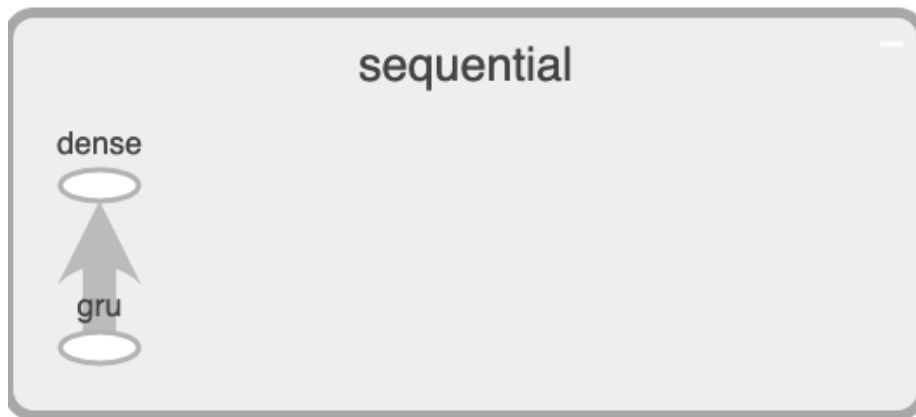
I show below a more detailed description of the network layers generated with tensorflow keras' plot_model() api.

```
                         ┌───────────┬──────────────┐
                         │  input:   │ [(None, 1, 1)]│
 gru_input: InputLayer   ├───────────┼──────────────┤
                         │  output:  │ [(None, 1, 1)]│
                         └───────────┴──────────────┘
                                    │
                                    ▼
                    ┌───────────┬──────────────┐
                    │  input:   │ (None, 1, 1) │
      gru: GRU      ├───────────┼──────────────┤
                    │  output:  │  (None, 4)   │
                    └───────────┴──────────────┘
                                    │
                                    ▼
                    ┌───────────┬──────────────┐
                    │  input:   │  (None, 4)   │
    dense: Dense    ├───────────┼──────────────┤
                    │  output:  │  (None, 2)   │
                    └───────────┴──────────────┘
```
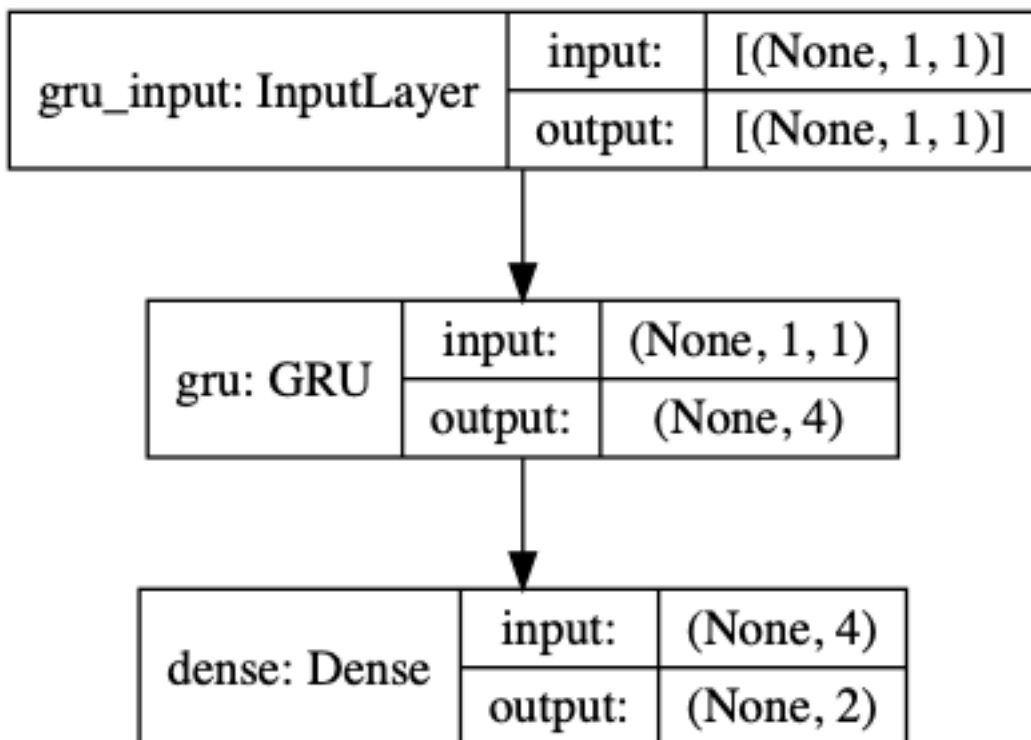
I show below the model's number of trainable and non-trainable parameters:

```
_____
Layer (type)                    Output Shape              Param #
=================================================================
gru (GRU)                       (1, 4)                    84
_____
dense (Dense)                   (1, 2)                    10
=================================================================
Total params: 94
Trainable params: 94
Non-trainable params: 0
_____
```

1.3   Experimental approach

I chose to implement the simplest modeling approach in order to ensure quick iterations and de-
bugging. My approach was based on sequential hypothesis testing.

1.3.1 Can I get above chance False rejection rate with a minimal modeling pipeline ?

I first extracted a small sample of the real data to get fast training at the expense of performance. I trained a simple 1-layer GRU model which takes as input a single batch with one look-back timestep and projects to a fully connected binary classification layer with a softmax activation function. I first trained the model with one epoch. I used `Adam`, an adaptive optimizer that is well known to handle the complex training dynamics of recurrent networks better than simple gradient descent optimization. Training the model on a 2.8 secs audio from one speaker (20% of the full audio chunk) took 50 secs.

Results: [TODO]

1.3.2 Is more layer better than less ?

I expected that a 2-layer network would perform better than a 2-layer network but both models produced nearly the same false rejection rate and a 2-layer GRU could be train as fast as a single layer.

1.3.3 Lower resolution better speed?

I tested two data encoding resolutions: float16 and float32 bits. Both resolution took the same time to train.

1.3.4 Does learning from more timesteps reduce performance ?

I tested 1, 2, 10 and 320 timesteps which correspond to 0.06 ms, 0.12 ms, 1.2 ms and 20 ms with the current sampling rate of 16 Khz. - Moving from 1 (50 sec training) to 2 timesteps (2 min trainin) produced a 2.5 fold improvement in FRR from 1 timestep (0.34 on average to 0.14) over subjects - FRR improved by 20% from 2 to 10 timesteps which took 5 min to train. - Training on 1 timesteps took about 50 secs, on 10 timesteps 90 secs. - 320 timesteps took too long to train within the given time constrains and was stopped.

1.3.5 Performance vs. train-test split ?

Performance drastically increased from 0 all over to 0.8-ish train from a 0.5 split to a 0.7. Performance was same for 1 or 2 GRU.

1.3.6 How long to convergence ?

The loss curve suggests that 7 epoches are enough for convergence (shoulder of the curve).

1.3.7 The more data the better ?

- Training on 20% vs 100% of train set for 7 epochs
    - same results across nb GRU
    - metrics:
        * 100% has:
            · 15% better recall (86%)
            · 10% lower precision (85%)
            · 4% better f1 (86%)

1.3.8 Does training on 2 secs audio perform well ?

I trained the model on one 2.8 secs from one speaker's audio (19-198-0003.wav) and tested how well the model generalizes to his other audio chunks and other speakers' audios:

- I trained on speaker 0 (19-198) and predicted on a sample of other test audio chunks from the same speaker. The test performance were about 0.85 f1-score.

I tested how well the model prediction generalize to other speakers audio:

- I trained on speaker 0 (19-198) and predicted on two other persons' audio chunks (103-1240-0001, 118-47824-0000). As a result:
    - 103-1240-0001:
        * I observed an increase in false rejection rate (50% only compared to ~30%)
        * candidate explanation: other person could speak with lower average amplitudeshorter speech periods which would lead the model to miss speeches
    - 118-47824-0000:
        * False rejection rate was the same
- Synthetic vs. person
    - train on person 1 - predict on synthetic (1263-141777-0000)
        * result: FRR was good
- Loud vs. low voice
    - train on person 1 - predict on human (1447-130551-0019)
        * kept good f1 score 0.7 with good recall and reasonable precision (0.6)
- normal vs. high pace
    - I train on speaker 1 - predict on human (1578-6379-0017)
    - kept good f1 score with good recall and reasonable precision

1.3.9 Which activation sigmoid (default) vs. biased Softmax

False rejection rate was slightly lower (from 13% to 9% on other subjects test audios) for biased softmax at the dense layer than for the default sigmoid activation function. So I retained Bias softmax. The speed of convergence remained unchanged.

1.3.10 Is Inference fast enough ?

Inference took 12.6 sec on a 15 sec audio that is 840 ms / sec.

1.3.11 Conclusion on best setup

Training dataset:

- 2.8 secs audio from one speaker: this small chunk took 4 min to train while using a full 15 secs audio file (i.e., 5 times more data) took 20 min for a 10% performance improvement.

Architecture:

- 1-layer GRU: Occam's razor principle favors simplicity given the same performance
- Softmax with initial bias to couterbalance the label bias

Training:

- 1 batch
- 10 timesteps

- at least 7 epochs
- split_frac: 0.7 : had the biggest effect on performance (0 at 0.5 to 0.7 at 0.7)

A couple of sanity checks

- Sanity checks:
  - inference pipeline sanity tests:
    * shuffle audio - label mapping
      · result: recall drops at 0.6 (possibly statistcally at chance level), precision 100 (as expected, f1 high because of precision)
    * dummy model that always predicts speech
      · result: recall drops to 0.6 (f1 score stays high because of high precision for speech)
    * dummy model that always predicts no speech
      · result: recall drops to 0 and all others too except 0.39 accuracy
- train pipeline sanity tests:
- train with shuffled labels
  - As expected:
    * best metrics on test are all 0 except accuracy ay 0.18
    * virtually no reduction in loss
  - same time to train

1.4 Results

1.4.1 Several speakers

Listening to a sample of the audio files revealed that a variety of speakers

- Humans
  - men
  - women
- Synthetic
  - men
  - women

I also characterised speeches by their variety of amplitudes and pace - Normal vs fast pace - Loud vs, low volume

1.4.2 Speech signal description

We show below the best typical example of an audio signal (top panel). and its associated speech labels "1" for speech and "0" for no speech (bottom panel).

All audio signals were 32 bits float single channel time series. We run a few sanity checks:

```
- the 957 label files were correctly mapped with the 957 audio files
```

Speaker information:

```
- Number: 34 speakers
- Speakers'ID: ['103' '1034' '1040' '1069' '1081' '1088' '1098' '1116' '118'
'1183'
 '1235' '1246' '125' '1263' '1334' '1355' '1363' '1447' '1455' '150'
 '1502' '1553' '1578' '1594' '1624' '163' '1723' '1737' '1743' '1841'
 '1867' '1898' '19' '1926']
```
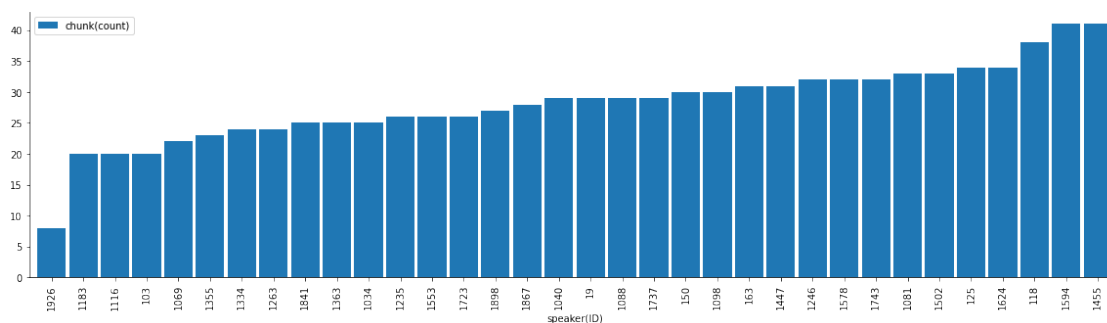

We show below a few interesting example chunks for 7 different speakers (numbered panels). - All visualized audio were very well labelled (see supplementary). - Background noise is very low and stationary.

```
SPEAKER 19
  data/01_raw/vad_data/19-198-0003.wav
  data/01_raw/vad_data/19-198-0003.json
```
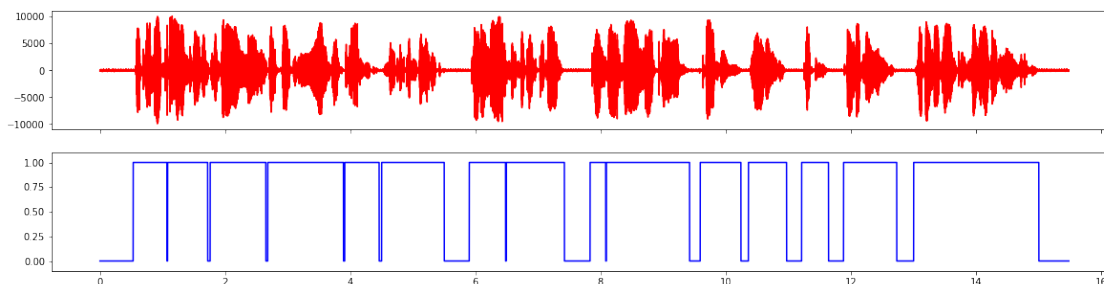


```
SPEAKER 103
  data/01_raw/vad_data/103-1241-0027.wav
  data/01_raw/vad_data/103-1241-0027.json
```
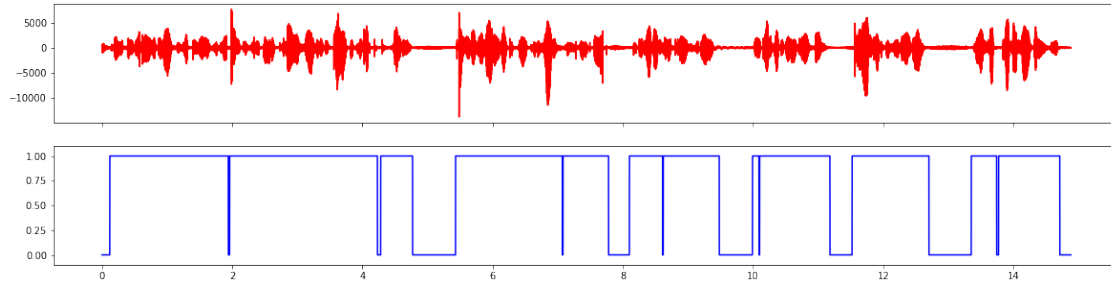
`2.33 sec`

We validated that all audio files were associated with a .json label file.

```
- audio file sample size: 957
- label file sample size: 957
```

The entire sample could be loaded quickly:

```
- loading duration: 5.36 sec
```

Sample size and sampling rate:

```
Sample rate information:
- 1 sample rate(s)
- rate: 16000 Hz
```

We kept the signal at 16Khz which is enough to cover the frequency range of human speech according to the literature (Human voice b/w `85hz to 8khz` [REF], hearing b/w `20 hz to 20kh`[REF]).

```
Sample size information:
- 711 sample size(s)
- max: 275280 samples ( [17.205] secs)
- min: 22560 samples ( [1.41] secs)
- median: 222080.0 samples ( [13.88] secs)
```
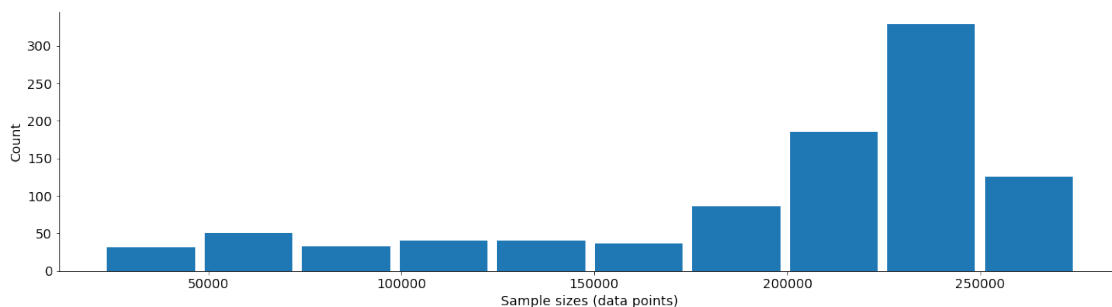

Signal amplitudes: the true decibel amplitude of the audio will depend on each speaker's microphone characteristics, the speaker's distance to its microphone, the speaker's volume configuration. Having no acces to these information we did not derive the true decibel amplitude (dB) from the raw

16

audio signal amplitude or compared absolute amplitudes between speakers. Rather we compared the signals' signal-to-noise ratio (SNR).

1.4.3 Speech signals are nearly pure

1. Estimate noise in frequency domain and decompose audio signal into signal and noise components.
2. Calculate the root-mean square level of the noise without speech and the speech without noise
3. Use to calculate SNR

1.4.4 Speech and no-speech classes are imbalanced in the training dataset
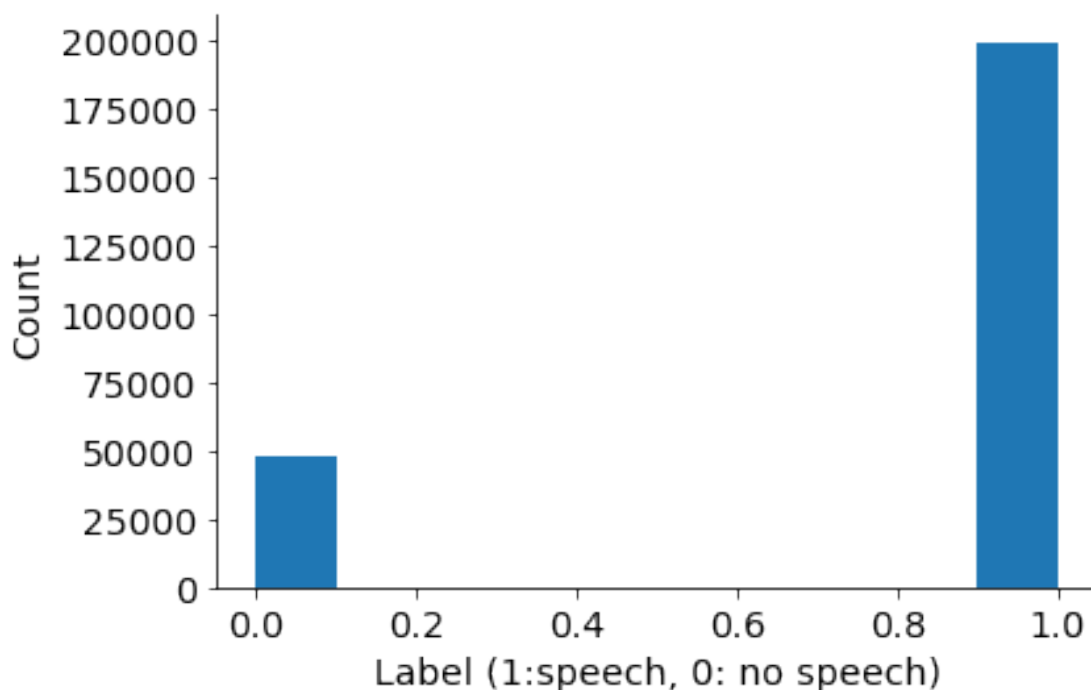
1.4.5 The 1-layer GRU net converges within 7 epochs

I monitored training quality in Tensorboard api. I display below the loss curve calculated for 7 training epochs (x-axes ranging from 0 to 6) on training dataset (dark curve) and validation dataset (blue curve). The model was trained with 10 timesteps look-back (see logged runs in tensorboard for vad-1-gru-20210901-131436/train/train, vad-1-gru-20210901-131436/train/validation in tensorboard web api). Categorical cross-entropy on training data was not flat as expected from a model that doesn't learn but goes down until convergence near the 7th epoch.

I also monitored recall to evaluate improvement in recall (decrease in FRR) over training. Recall increased (thus FRR decreased) by 10% within 7 epochs and took about 4 epochs to converge on the training dataset. Recall on validation was already high since the first epoch and remained stable over training (see logged runs in tensorboard for vad-1-gru-20210901-131436/train/train, vad-1-gru-20210901-131436/train/validation).
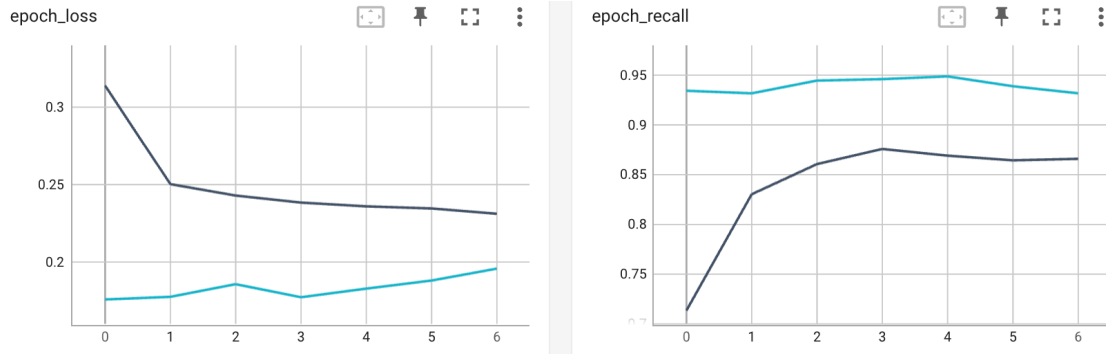
1.4.6 Weights and biases follow well-behaved multimodal distributions

Both the Gru and dense layer show distribution that did not get stuck at 0 values and did not display large outlier values. This suggests that our GRU units successfully circumvented the vanishing gradient problem that is typical of more traditional RNN.

Gru layer

The GRU l layer has 3 types of trainable parameters: - weights ("kernel_0") - recurrent weights ("kernel_0") - biases ("kernel_0")

I will refer to iterations as epochs as for a single batch, iterations equal the number of epochs.

- Weight and bias values
  - The weight distribution was very sparse with the majority of weights being null and some values being spread at negative and positive values.
  - GRU layer's biases and recurrent weights slightly changed over epochs (y-axis), spreading across a larger range of values.
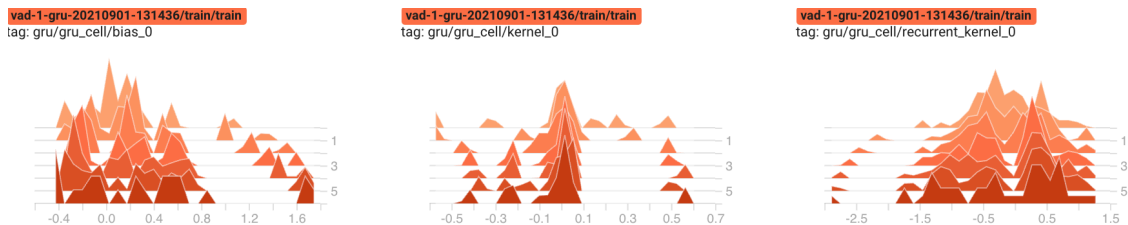
These changes in the bias and weights distributions are more apparent on the plot of the weight values against epochs (different shading columns represent the distributions' 90th, 60th percentiles ...) (x-axis).
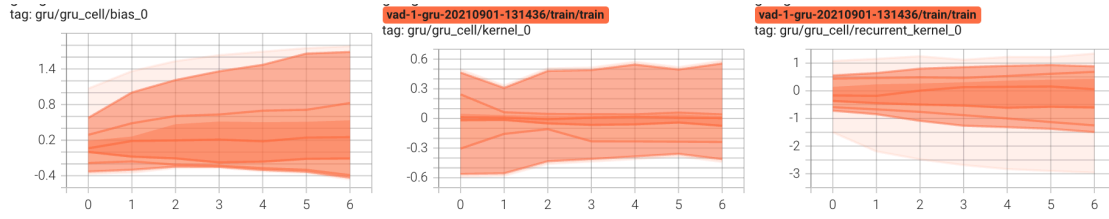
Dense layer

- Dense layer's weights and biases did not get not stuck at 0 and did not display large outlier values.
  - Biases followed a bi-modal distributions with some weights at -1, others peaking at -0.3 and other at +0.3. There are no outlier biases.
  - Weights followed a tri-modal distributions with some weights at -1, a small majority peaking at 0 and some peaking at +1.5. There were no outlier bias values.
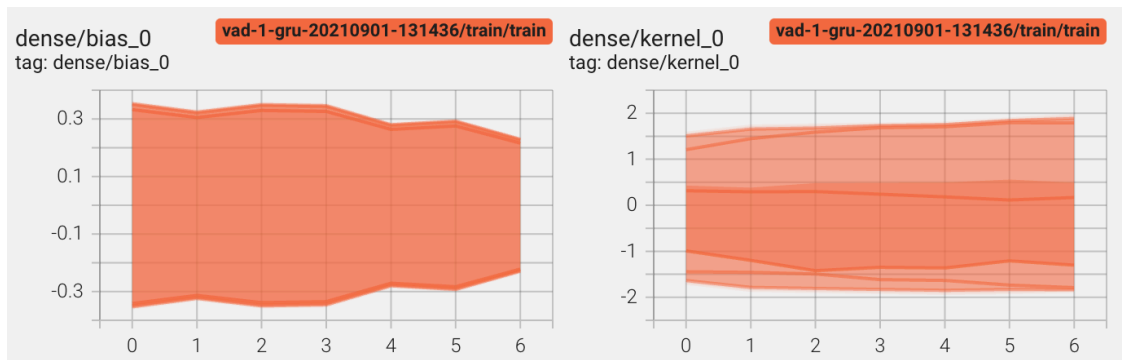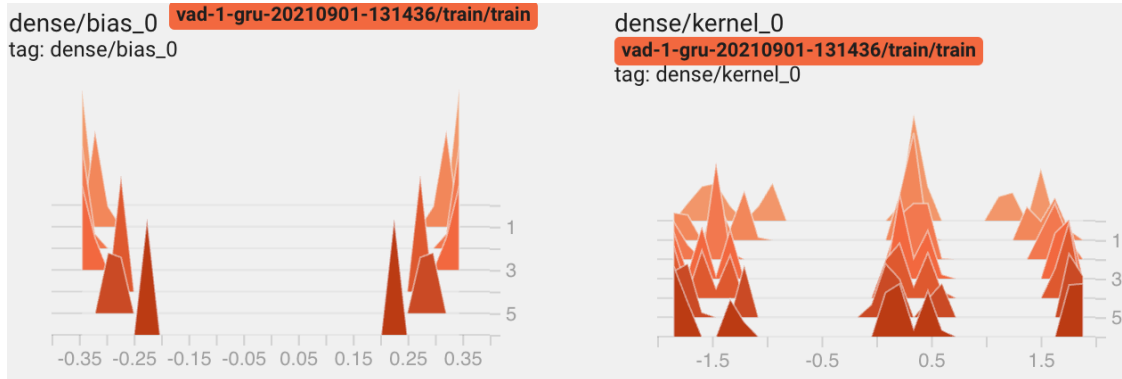
1.4.7 A simple RNN predicts well

Experiment 1

I first trained the model on a small chunk (2.8 secs) of one speaker data and I tested it on one full audio for each of the 34 speakers' (about 3.5 min, for 15 sec inference per audio file). I chose the first audio for simplicity. Further analyses must assess whether the first audio is representative of the other audios for each speaker. I chose a sample and not the entire dataset because inference would take more than 3 hours on the 957 files. I show below the distribution of the best model's False rejection rates over the sample test dataset.

We display below the sequential steps realised by our inference pipeline and the False rejection rates for all audio signals in the database.

```
2021-09-01 17:07:50,437 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:07:50,441 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:07:50,446 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:07:50,447 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:07:50,452 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:07:50,453 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:07:50,455 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:07:50,460 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:07:50,464 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:07:50,468 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:07:50,469 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:07:50,471 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:07:50,476 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:07:50,932 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:07:50,936 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:07:50,937 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:07:54,666 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:07:54,669 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:07:54,753 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
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1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created by layer 'gru_input'"), but it was called on an input with incompatible shape (None, 1, 1).
2021-09-01 17:08:02,909 - kedro.io.data_catalog - INFO - Saving data to `prediction` (MemoryDataSet)…
2021-09-01 17:08:02,912 - kedro.runner.sequential_runner - INFO - Completed 4 out of 8 tasks
2021-09-01 17:08:02,914 - kedro.io.data_catalog - INFO - Loading data from `prod_audio` (MemoryDataSet)…
2021-09-01 17:08:02,919 - kedro.pipeline.node - INFO - Running node: reshape-label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:08:02,920 - kedro.io.data_catalog - INFO - Saving data to `label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:02,923 - kedro.runner.sequential_runner - INFO - Completed 5 out of 8 tasks
2021-09-01 17:08:02,924 - kedro.io.data_catalog - INFO - Loading data from `prediction` (MemoryDataSet)…
2021-09-01 17:08:02,926 - kedro.pipeline.node - INFO - Running node: reshape-prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:08:02,928 - kedro.io.data_catalog - INFO - Saving data to `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:02,930 - kedro.runner.sequential_runner - INFO - Completed 6 out of 8 tasks
2021-09-01 17:08:02,932 - kedro.io.data_catalog - INFO - Loading data from `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:02,934 - kedro.io.data_catalog - INFO - Loading data from `label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:02,935 - kedro.pipeline.node - INFO - Running node: evaluate-predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:08:03,317 - kedro.io.data_catalog - INFO - Saving data to `metrics` (MemoryDataSet)…
2021-09-01 17:08:03,319 - kedro.runner.sequential_runner - INFO - Completed 7 out of 8 tasks
2021-09-01 17:08:03,320 - kedro.io.data_catalog - INFO - Loading data from `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:03,324 - kedro.io.data_catalog - INFO - Loading data from `label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:03,326 - kedro.pipeline.node - INFO - Running node: get-confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:08:05,844 - kedro.io.data_catalog - INFO - Saving data to `confusion` (MemoryDataSet)…
2021-09-01 17:08:05,847 - kedro.runner.sequential_runner - INFO - Completed 8 out of 8 tasks
2021-09-01 17:08:05,849 - kedro.runner.sequential_runner - INFO - Pipeline execution completed successfully.
2021-09-01 17:08:05,852 - kedro.io.data_catalog - INFO - Loading data from `metrics` (MemoryDataSet)…
2021-09-01 17:08:05,855 - kedro.io.data_catalog - INFO - Loading data from

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`confusion` (MemoryDataSet)…
15.52 secs
2021-09-01 17:08:05,931 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:08:05,935 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:08:05,940 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:08:05,942 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:08:05,945 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:08:05,949 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:08:05,951 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:08:05,959 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:08:05,962 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:08:05,967 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:08:05,968 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:08:05,971 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:08:05,977 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:08:06,276 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:06,280 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:08:06,288 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:08:10,797 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:10,801 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:08:10,876 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:08:18,671 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:08:18,674 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
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2021-09-01 17:08:18,675 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:18,678 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:08:18,679 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:18,682 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:08:18,685 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:08:18,688 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:08:18,690 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:18,693 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:08:18,695 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:18,697 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:18,700 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:08:19,001 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:08:19,003 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:08:19,005 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:19,009 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:19,011 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:08:21,121 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:08:21,124 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:08:21,126 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:08:21,127 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:08:21,129 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
15.26 secs
2021-09-01 17:08:21,216 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:08:21,219 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:08:21,227 - kedro.pipeline.node - INFO - Running node: test_label:
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test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:08:21,228 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:08:21,231 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:08:21,232 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:08:21,235 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:08:21,247 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:08:21,252 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:08:21,255 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:08:21,256 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:08:21,259 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:08:21,267 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:08:21,672 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:21,676 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:08:21,677 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:08:26,100 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:26,103 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:08:26,208 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:08:34,467 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:08:34,471 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:08:34,472 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:34,474 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:08:34,476 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:34,479 - kedro.runner.sequential_runner - INFO - Completed 5
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out of 8 tasks
2021-09-01 17:08:34,480 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:08:34,483 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:08:34,484 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:34,486 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:08:34,487 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:34,489 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:34,490 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:08:34,867 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:08:34,869 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:08:34,871 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:34,873 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:34,875 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:08:37,397 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:08:37,400 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:08:37,401 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:08:37,403 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:08:37,404 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
16.27 secs
2021-09-01 17:08:37,467 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:08:37,470 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:08:37,475 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:08:37,476 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:08:37,479 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:08:37,480 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…

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2021-09-01 17:08:37,482 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:08:37,487 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:08:37,490 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:08:37,493 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:08:37,493 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:08:37,495 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:08:37,500 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:08:37,842 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:37,845 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:08:37,846 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:08:41,501 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:41,506 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:08:41,616 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:08:50,072 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:08:50,076 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:08:50,077 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:50,080 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:08:50,081 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:50,084 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:08:50,086 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:08:50,089 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:08:50,091 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
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2021-09-01 17:08:50,094 - kedro.runner.sequential_runner - INFO - Completed 6 out of 8 tasks
2021-09-01 17:08:50,095 - kedro.io.data_catalog - INFO - Loading data from `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:50,097 - kedro.io.data_catalog - INFO - Loading data from `label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:50,099 - kedro.pipeline.node - INFO - Running node: evaluate-predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:08:50,501 - kedro.io.data_catalog - INFO - Saving data to `metrics` (MemoryDataSet)…
2021-09-01 17:08:50,504 - kedro.runner.sequential_runner - INFO - Completed 7 out of 8 tasks
2021-09-01 17:08:50,505 - kedro.io.data_catalog - INFO - Loading data from `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:08:50,507 - kedro.io.data_catalog - INFO - Loading data from `label_for_eval` (MemoryDataSet)…
2021-09-01 17:08:50,509 - kedro.pipeline.node - INFO - Running node: get-confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:08:53,228 - kedro.io.data_catalog - INFO - Saving data to `confusion` (MemoryDataSet)…
2021-09-01 17:08:53,231 - kedro.runner.sequential_runner - INFO - Completed 8 out of 8 tasks
2021-09-01 17:08:53,232 - kedro.runner.sequential_runner - INFO - Pipeline execution completed successfully.
2021-09-01 17:08:53,233 - kedro.io.data_catalog - INFO - Loading data from `metrics` (MemoryDataSet)…
2021-09-01 17:08:53,234 - kedro.io.data_catalog - INFO - Loading data from `confusion` (MemoryDataSet)…
15.82 secs
2021-09-01 17:08:53,300 - kedro.io.data_catalog - INFO - Loading data from `synced` (MemoryDataSet)…
2021-09-01 17:08:53,302 - kedro.io.data_catalog - INFO - Loading data from `params:TEST` (MemoryDataSet)…
2021-09-01 17:08:53,308 - kedro.pipeline.node - INFO - Running node: test_label: test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:08:53,309 - kedro.io.data_catalog - INFO - Saving data to `tested` (MemoryDataSet)…
2021-09-01 17:08:53,311 - kedro.runner.sequential_runner - INFO - Completed 1 out of 8 tasks
2021-09-01 17:08:53,312 - kedro.io.data_catalog - INFO - Loading data from `tested` (MemoryDataSet)…
2021-09-01 17:08:53,314 - kedro.io.data_catalog - INFO - Loading data from `params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:08:53,320 - kedro.pipeline.node - INFO - Running node: float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:08:53,323 - kedro.io.data_catalog - INFO - Saving data to `floated32` (MemoryDataSet)…
2021-09-01 17:08:53,326 - kedro.runner.sequential_runner - INFO - Completed 2

out of 8 tasks
2021-09-01 17:08:53,327 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:08:53,329 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:08:53,334 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:08:53,691 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:53,694 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:08:53,695 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:08:58,171 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:08:58,174 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:08:58,248 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:09:05,425 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:09:05,429 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:09:05,430 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:05,433 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:09:05,434 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:05,437 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:09:05,438 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:09:05,441 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:09:05,443 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:05,445 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:09:05,446 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:05,448 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:05,450 - kedro.pipeline.node - INFO - Running node: evaluate-

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predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:09:05,825 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:09:05,827 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:09:05,828 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:05,830 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:05,832 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:09:08,439 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:09:08,441 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:09:08,442 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:09:08,443 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:09:08,444 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
15.2 secs
2021-09-01 17:09:08,513 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:09:08,515 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:09:08,520 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:09:08,521 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:09:08,526 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:09:08,527 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:09:08,529 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:09:08,534 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:09:08,537 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:09:08,541 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:09:08,542 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:09:08,545 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:09:08,552 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
```

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[prod_audio]
2021-09-01 17:09:08,912 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:08,916 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:09:08,917 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:09:12,380 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:12,384 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:09:12,470 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:09:23,234 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:09:23,236 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:09:23,237 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:23,240 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:09:23,241 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:23,245 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:09:23,246 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:09:23,248 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:09:23,249 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:23,252 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:09:23,253 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:23,255 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:23,257 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:09:23,619 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:09:23,621 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:09:23,622 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
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2021-09-01 17:09:23,623 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:23,625 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:09:26,177 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:09:26,180 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:09:26,182 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:09:26,182 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:09:26,183 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
17.73 secs
2021-09-01 17:09:26,248 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:09:26,250 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:09:26,254 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:09:26,255 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:09:26,258 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:09:26,259 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:09:26,260 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:09:26,266 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:09:26,269 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:09:26,271 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:09:26,272 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:09:26,274 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:09:26,281 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:09:26,599 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:26,601 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:09:26,602 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
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2021-09-01 17:09:31,429 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:31,435 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:09:31,515 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:09:39,313 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:09:39,316 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:09:39,317 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:39,320 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:09:39,321 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:39,325 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:09:39,326 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:09:39,329 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:09:39,331 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:39,334 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:09:39,335 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:39,337 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:39,339 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:09:39,719 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:09:39,721 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:09:39,722 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:39,724 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:39,726 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:09:42,272 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:09:42,274 - kedro.runner.sequential_runner - INFO - Completed 8
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out of 8 tasks
2021-09-01 17:09:42,275 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:09:42,276 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:09:42,277 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
16.09 secs
2021-09-01 17:09:42,337 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:09:42,339 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:09:42,343 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:09:42,345 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:09:42,346 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:09:42,348 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:09:42,350 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:09:42,355 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:09:42,358 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:09:42,360 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:09:42,361 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:09:42,363 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:09:42,368 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:09:42,672 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:42,675 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:09:42,676 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:09:46,996 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:47,000 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:09:47,089 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
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by layer 'gru_input'"), but it was called on an input with incompatible shape (None, 1, 1).
2021-09-01 17:09:55,576 - kedro.io.data_catalog - INFO - Saving data to `prediction` (MemoryDataSet)…
2021-09-01 17:09:55,579 - kedro.runner.sequential_runner - INFO - Completed 4 out of 8 tasks
2021-09-01 17:09:55,580 - kedro.io.data_catalog - INFO - Loading data from `prod_audio` (MemoryDataSet)…
2021-09-01 17:09:55,583 - kedro.pipeline.node - INFO - Running node: reshape-label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:09:55,585 - kedro.io.data_catalog - INFO - Saving data to `label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:55,588 - kedro.runner.sequential_runner - INFO - Completed 5 out of 8 tasks
2021-09-01 17:09:55,590 - kedro.io.data_catalog - INFO - Loading data from `prediction` (MemoryDataSet)…
2021-09-01 17:09:55,592 - kedro.pipeline.node - INFO - Running node: reshape-prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:09:55,594 - kedro.io.data_catalog - INFO - Saving data to `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:55,597 - kedro.runner.sequential_runner - INFO - Completed 6 out of 8 tasks
2021-09-01 17:09:55,599 - kedro.io.data_catalog - INFO - Loading data from `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:55,601 - kedro.io.data_catalog - INFO - Loading data from `label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:55,603 - kedro.pipeline.node - INFO - Running node: evaluate-predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:09:55,974 - kedro.io.data_catalog - INFO - Saving data to `metrics` (MemoryDataSet)…
2021-09-01 17:09:55,976 - kedro.runner.sequential_runner - INFO - Completed 7 out of 8 tasks
2021-09-01 17:09:55,977 - kedro.io.data_catalog - INFO - Loading data from `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:09:55,979 - kedro.io.data_catalog - INFO - Loading data from `label_for_eval` (MemoryDataSet)…
2021-09-01 17:09:55,981 - kedro.pipeline.node - INFO - Running node: get-confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:09:59,114 - kedro.io.data_catalog - INFO - Saving data to `confusion` (MemoryDataSet)…
2021-09-01 17:09:59,120 - kedro.runner.sequential_runner - INFO - Completed 8 out of 8 tasks
2021-09-01 17:09:59,123 - kedro.runner.sequential_runner - INFO - Pipeline execution completed successfully.
2021-09-01 17:09:59,125 - kedro.io.data_catalog - INFO - Loading data from `metrics` (MemoryDataSet)…
2021-09-01 17:09:59,128 - kedro.io.data_catalog - INFO - Loading data from `confusion` (MemoryDataSet)…

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16.85 secs
2021-09-01 17:09:59,268 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:09:59,270 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:09:59,281 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:09:59,285 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:09:59,289 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:09:59,292 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:09:59,296 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:09:59,307 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:09:59,315 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:09:59,320 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:09:59,322 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:09:59,326 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:09:59,338 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:09:59,792 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:09:59,800 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:09:59,802 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:10:04,390 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:04,393 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:10:04,494 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:10:11,596 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:10:11,598 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:10:11,600 - kedro.io.data_catalog - INFO - Loading data from
```

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`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:11,603 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:10:11,605 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:11,608 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:10:11,610 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:10:11,612 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:10:11,614 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:11,618 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:10:11,620 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:11,622 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:11,625 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:10:11,936 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:10:11,938 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:10:11,939 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:11,941 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:11,942 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:10:14,074 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:10:14,077 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:10:14,078 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:10:14,079 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:10:14,080 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
14.9 secs
2021-09-01 17:10:14,141 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:10:14,143 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:10:14,148 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
```

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2021-09-01 17:10:14,150 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:10:14,154 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:10:14,155 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:10:14,156 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:10:14,163 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:10:14,165 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:10:14,169 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:10:14,171 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:10:14,173 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:10:14,180 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:10:14,330 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:14,332 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:10:14,333 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:10:19,218 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:19,221 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:10:19,291 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:10:24,267 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:10:24,270 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:10:24,271 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:24,275 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:10:24,278 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:24,282 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
```

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2021-09-01 17:10:24,284 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:10:24,287 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:10:24,290 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:24,293 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:10:24,297 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:24,300 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:24,304 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:10:24,488 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:10:24,491 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:10:24,494 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:24,497 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:24,500 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:10:26,264 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:10:26,267 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:10:26,268 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:10:26,270 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:10:26,272 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
12.18 secs
2021-09-01 17:10:26,332 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:10:26,334 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:10:26,342 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:10:26,343 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:10:26,345 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:10:26,347 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:10:26,349 - kedro.io.data_catalog - INFO - Loading data from
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`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:10:26,357 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:10:26,359 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:10:26,361 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:10:26,363 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:10:26,365 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:10:26,373 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:10:26,484 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:26,486 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:10:26,488 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:10:31,072 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:31,074 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:10:31,155 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:10:33,777 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:10:33,779 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:10:33,780 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:33,782 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:10:33,783 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:33,786 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:10:33,788 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:10:33,790 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:10:33,792 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:33,794 - kedro.runner.sequential_runner - INFO - Completed 6
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out of 8 tasks
2021-09-01 17:10:33,796 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:33,797 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:33,799 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:10:33,908 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:10:33,910 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:10:33,911 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:33,913 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:33,914 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:10:34,673 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:10:34,675 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:10:34,676 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:10:34,677 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:10:34,679 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
8.4 secs
2021-09-01 17:10:34,756 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:10:34,758 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:10:34,766 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:10:34,768 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:10:34,774 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:10:34,775 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:10:34,778 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:10:34,786 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:10:34,795 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:10:34,800 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
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2021-09-01 17:10:34,802 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:10:34,807 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:10:34,815 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:10:35,204 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:35,208 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:10:35,209 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:10:40,684 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:40,691 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:10:40,781 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:10:51,534 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:10:51,538 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:10:51,540 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:51,546 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:10:51,549 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:51,555 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:10:51,557 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:10:51,562 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:10:51,565 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:51,569 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:10:51,572 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:51,577 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:51,581 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
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2021-09-01 17:10:52,130 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:10:52,133 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:10:52,134 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:10:52,136 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:10:52,140 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:10:56,130 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:10:56,134 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:10:56,135 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:10:56,136 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:10:56,138 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
21.45 secs
2021-09-01 17:10:56,223 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:10:56,225 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:10:56,233 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:10:56,234 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:10:56,237 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:10:56,239 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:10:56,241 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:10:56,249 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:10:56,253 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:10:56,258 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:10:56,259 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:10:56,262 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:10:56,272 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
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2021-09-01 17:10:56,670 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:10:56,674 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:10:56,676 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:11:01,783 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:01,786 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:11:01,880 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:11:11,588 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:11:11,592 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:11:11,594 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:11,597 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:11:11,600 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:11:11,603 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:11:11,604 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:11:11,607 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:11:11,610 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:11:11,613 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:11:11,615 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:11:11,617 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:11:11,619 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:11:12,032 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:11:12,034 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:11:12,035 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:11:12,037 - kedro.io.data_catalog - INFO - Loading data from

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`label_for_eval` (MemoryDataSet)…
2021-09-01 17:11:12,040 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:11:14,769 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:11:14,772 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:11:14,774 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:11:14,776 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:11:14,777 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
18.63 secs
2021-09-01 17:11:14,875 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:11:14,879 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:11:14,888 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:11:14,889 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:11:14,892 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:11:14,894 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:11:14,896 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:11:14,904 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:11:14,908 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:11:14,913 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:11:14,914 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:11:14,917 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:11:14,924 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:11:15,336 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:15,340 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:11:15,342 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:11:20,672 - kedro.io.data_catalog - INFO - Loading data from
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`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:20,676 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:11:20,756 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:11:27,693 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:11:27,696 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:11:27,698 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:27,701 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:11:27,702 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:11:27,704 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:11:27,706 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:11:27,708 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:11:27,710 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:11:27,712 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:11:27,714 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:11:27,716 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:11:27,717 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:11:28,066 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:11:28,068 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:11:28,069 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:11:28,071 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:11:28,073 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:11:30,819 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:11:30,822 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
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2021-09-01 17:11:30,823 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:11:30,824 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:11:30,826 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
16.04 secs
2021-09-01 17:11:30,901 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:11:30,903 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:11:30,909 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:11:30,910 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:11:30,915 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:11:30,917 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:11:30,919 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:11:30,926 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:11:30,931 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:11:30,934 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:11:30,936 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:11:30,938 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:11:30,946 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:11:31,312 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:31,315 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:11:31,316 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:11:35,466 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:35,469 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:11:35,562 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
```

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(None, 1, 1).
2021-09-01 17:11:45,062 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:11:45,065 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:11:45,067 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:45,070 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:11:45,071 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:11:45,074 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:11:45,075 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:11:45,077 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:11:45,080 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:11:45,082 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:11:45,084 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:11:45,085 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:11:45,087 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:11:45,495 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:11:45,497 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:11:45,499 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:11:45,501 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:11:45,503 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:11:48,182 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:11:48,185 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:11:48,186 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:11:48,187 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:11:48,189 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
17.36 secs
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2021-09-01 17:11:48,256 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:11:48,258 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:11:48,264 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:11:48,265 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:11:48,267 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:11:48,269 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:11:48,270 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:11:48,276 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:11:48,279 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:11:48,282 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:11:48,283 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:11:48,285 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:11:48,290 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:11:48,594 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:48,598 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:11:48,600 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:11:52,506 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:11:52,509 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:11:52,604 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:12:03,364 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:12:03,370 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:12:03,372 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
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2021-09-01 17:12:03,375 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:12:03,377 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:03,381 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:12:03,383 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:12:03,386 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:12:03,389 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:03,392 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:12:03,396 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:03,404 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:03,415 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:12:03,875 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:12:03,877 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:12:03,878 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:03,881 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:03,885 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:12:07,020 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:12:07,023 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:12:07,024 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:12:07,025 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:12:07,027 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
18.83 secs
2021-09-01 17:12:07,088 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:12:07,090 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:12:07,096 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:12:07,097 - kedro.io.data_catalog - INFO - Saving data to `tested`
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(MemoryDataSet)…
2021-09-01 17:12:07,102 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:12:07,104 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:12:07,106 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:12:07,112 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:12:07,114 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:12:07,118 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:12:07,121 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:12:07,124 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:12:07,130 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:12:07,281 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:07,285 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:12:07,287 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:12:12,471 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:12,479 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:12:12,546 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:12:15,957 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:12:15,959 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:12:15,961 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:15,962 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:12:15,964 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:15,966 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:12:15,968 - kedro.io.data_catalog - INFO - Loading data from

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`prediction` (MemoryDataSet)…
2021-09-01 17:12:15,970 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:12:15,972 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:15,973 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:12:15,974 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:15,976 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:15,977 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:12:16,116 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:12:16,119 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:12:16,120 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:16,121 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:16,123 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:12:17,310 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:12:17,312 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:12:17,314 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:12:17,315 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:12:17,317 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
10.28 secs
2021-09-01 17:12:17,379 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:12:17,380 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:12:17,392 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:12:17,394 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:12:17,397 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:12:17,399 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:12:17,401 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
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2021-09-01 17:12:17,413 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:12:17,415 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:12:17,417 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:12:17,419 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:12:17,422 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:12:17,432 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:12:17,490 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:17,493 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:12:17,495 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:12:22,410 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:22,412 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:12:22,498 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:12:24,267 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:12:24,269 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:12:24,270 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:24,272 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:12:24,274 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:24,276 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:12:24,278 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:12:24,280 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:12:24,281 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:24,283 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
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2021-09-01 17:12:24,285 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:24,286 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:24,288 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:12:24,359 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:12:24,362 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:12:24,363 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:24,364 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:24,366 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:12:24,729 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:12:24,731 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:12:24,732 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:12:24,733 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:12:24,736 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
7.41 secs
2021-09-01 17:12:24,834 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:12:24,839 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:12:24,847 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:12:24,849 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:12:24,859 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:12:24,861 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:12:24,865 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:12:24,878 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:12:24,889 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:12:24,896 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:12:24,905 - kedro.io.data_catalog - INFO - Loading data from
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`floated32` (MemoryDataSet)…
2021-09-01 17:12:24,909 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:12:24,932 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:12:25,391 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:25,398 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:12:25,406 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:12:32,229 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:32,236 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:12:32,342 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:12:41,706 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:12:41,709 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:12:41,711 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:41,717 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:12:41,718 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:41,723 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:12:41,725 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:12:41,728 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:12:41,730 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:41,734 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:12:41,736 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:41,739 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:41,742 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:12:42,072 - kedro.io.data_catalog - INFO - Saving data to

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`metrics` (MemoryDataSet)…
2021-09-01 17:12:42,074 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:12:42,076 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:12:42,078 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:12:42,080 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:12:45,081 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:12:45,084 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:12:45,086 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:12:45,089 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:12:45,091 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
20.34 secs
2021-09-01 17:12:45,190 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:12:45,193 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:12:45,202 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:12:45,205 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:12:45,208 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:12:45,210 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:12:45,214 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:12:45,227 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:12:45,232 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:12:45,236 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:12:45,238 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:12:45,242 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:12:45,254 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:12:45,683 - kedro.io.data_catalog - INFO - Saving data to
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`prod_audio` (MemoryDataSet)…
2021-09-01 17:12:45,687 - kedro.runner.sequential_runner - INFO - Completed 3 out of 8 tasks
2021-09-01 17:12:45,693 - kedro.io.data_catalog - INFO - Loading data from `model` (TensorFlowModelDataset)…
2021-09-01 17:12:57,111 - kedro.io.data_catalog - INFO - Loading data from `prod_audio` (MemoryDataSet)…
2021-09-01 17:12:57,122 - kedro.pipeline.node - INFO - Running node: predict-production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:12:57,344 - tensorflow - WARNING - Model was constructed with shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10, 1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created by layer 'gru_input'"), but it was called on an input with incompatible shape (None, 1, 1).
2021-09-01 17:13:15,561 - kedro.io.data_catalog - INFO - Saving data to `prediction` (MemoryDataSet)…
2021-09-01 17:13:15,567 - kedro.runner.sequential_runner - INFO - Completed 4 out of 8 tasks
2021-09-01 17:13:15,570 - kedro.io.data_catalog - INFO - Loading data from `prod_audio` (MemoryDataSet)…
2021-09-01 17:13:15,579 - kedro.pipeline.node - INFO - Running node: reshape-label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:13:15,583 - kedro.io.data_catalog - INFO - Saving data to `label_for_eval` (MemoryDataSet)…
2021-09-01 17:13:15,592 - kedro.runner.sequential_runner - INFO - Completed 5 out of 8 tasks
2021-09-01 17:13:15,598 - kedro.io.data_catalog - INFO - Loading data from `prediction` (MemoryDataSet)…
2021-09-01 17:13:15,614 - kedro.pipeline.node - INFO - Running node: reshape-prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:13:15,618 - kedro.io.data_catalog - INFO - Saving data to `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:13:15,626 - kedro.runner.sequential_runner - INFO - Completed 6 out of 8 tasks
2021-09-01 17:13:15,635 - kedro.io.data_catalog - INFO - Loading data from `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:13:15,641 - kedro.io.data_catalog - INFO - Loading data from `label_for_eval` (MemoryDataSet)…
2021-09-01 17:13:15,648 - kedro.pipeline.node - INFO - Running node: evaluate-predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:13:16,424 - kedro.io.data_catalog - INFO - Saving data to `metrics` (MemoryDataSet)…
2021-09-01 17:13:16,429 - kedro.runner.sequential_runner - INFO - Completed 7 out of 8 tasks
2021-09-01 17:13:16,433 - kedro.io.data_catalog - INFO - Loading data from `prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:13:16,437 - kedro.io.data_catalog - INFO - Loading data from `label_for_eval` (MemoryDataSet)…

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2021-09-01 17:13:16,440 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:13:22,948 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:13:22,953 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:13:22,957 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:13:22,960 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:13:22,966 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
37.86 secs
2021-09-01 17:13:23,158 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:13:23,167 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:13:23,190 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:13:23,195 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:13:23,207 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:13:23,211 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:13:23,219 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:13:23,326 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:13:23,335 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:13:23,371 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:13:23,375 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:13:23,380 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:13:23,401 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:13:24,411 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:13:24,421 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:13:24,425 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:13:40,500 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
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2021-09-01 17:13:40,507 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:13:40,684 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:13:58,993 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:13:59,000 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:13:59,003 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:13:59,008 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:13:59,013 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:13:59,024 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:13:59,034 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:13:59,040 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:13:59,045 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:13:59,052 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:13:59,057 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:13:59,061 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:13:59,069 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:14:00,174 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:14:00,180 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:14:00,188 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:14:00,193 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:14:00,199 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:14:09,204 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:14:09,222 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:14:09,227 - kedro.runner.sequential_runner - INFO - Pipeline
```

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execution completed successfully.
2021-09-01 17:14:09,230 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:14:09,245 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
46.25 secs
2021-09-01 17:14:09,542 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:14:09,553 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:14:09,570 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:14:09,575 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:14:09,593 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:14:09,596 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:14:09,608 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:14:09,628 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:14:09,643 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:14:09,653 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:14:09,657 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:14:09,665 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:14:09,691 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:14:11,184 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:14:11,195 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:14:11,198 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:14:23,216 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:14:23,222 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:14:23,369 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
```

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2021-09-01 17:14:35,479 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:14:35,484 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:14:35,488 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:14:35,493 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:14:35,496 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:14:35,503 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:14:35,506 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:14:35,511 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:14:35,515 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:14:35,519 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:14:35,525 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:14:35,528 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:14:35,533 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:14:36,249 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:14:36,256 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:14:36,260 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:14:36,265 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:14:36,278 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:14:42,159 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:14:42,165 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:14:42,168 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:14:42,170 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:14:42,176 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
32.91 secs
2021-09-01 17:14:42,336 - kedro.io.data_catalog - INFO - Loading data from
```

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`synced` (MemoryDataSet)…
2021-09-01 17:14:42,341 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:14:42,354 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:14:42,359 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:14:42,371 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:14:42,374 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:14:42,378 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:14:42,395 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:14:42,401 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:14:42,410 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:14:42,413 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:14:42,418 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:14:42,435 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:14:43,336 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:14:43,346 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:14:43,350 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:14:58,317 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:14:58,333 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:14:58,536 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:15:20,983 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:15:20,990 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:15:20,996 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:15:21,004 - kedro.pipeline.node - INFO - Running node: reshape-
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label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:15:21,007 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:15:21,017 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:15:21,021 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:15:21,027 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:15:21,032 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:15:21,037 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:15:21,041 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:15:21,047 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:15:21,051 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:15:22,148 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:15:22,152 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:15:22,155 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:15:22,161 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:15:22,166 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:15:28,898 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:15:28,903 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:15:28,906 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:15:28,907 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:15:28,911 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
46.72 secs
2021-09-01 17:15:29,101 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:15:29,107 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:15:29,124 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:15:29,126 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
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2021-09-01 17:15:29,137 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:15:29,140 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:15:29,146 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:15:29,176 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:15:29,186 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:15:29,193 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:15:29,198 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:15:29,203 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:15:29,231 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:15:30,434 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:15:30,444 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:15:30,448 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:15:44,189 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:15:44,199 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:15:44,404 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:16:08,614 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:16:08,624 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:16:08,629 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:16:08,636 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:16:08,639 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:16:08,648 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:16:08,654 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
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2021-09-01 17:16:08,661 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:16:08,666 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:16:08,675 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:16:08,680 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:16:08,689 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:16:08,696 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:16:09,960 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:16:09,965 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:16:09,969 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:16:09,981 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:16:09,998 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:16:20,904 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:16:20,914 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:16:20,919 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:16:20,922 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:16:20,927 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
52.0 secs
2021-09-01 17:16:21,245 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:16:21,252 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:16:21,274 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:16:21,276 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:16:21,282 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:16:21,286 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:16:21,291 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:16:21,308 - kedro.pipeline.node - INFO - Running node:
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float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:16:21,314 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:16:21,321 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:16:21,324 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:16:21,329 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:16:21,347 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:16:22,101 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:16:22,115 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:16:22,121 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:16:28,085 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:16:28,088 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:16:28,162 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:16:33,476 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:16:33,480 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:16:33,481 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:16:33,484 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:16:33,485 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:16:33,488 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:16:33,490 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:16:33,492 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:16:33,494 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:16:33,497 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:16:33,498 - kedro.io.data_catalog - INFO - Loading data from
```

`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:16:33,500 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:16:33,502 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:16:33,760 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:16:33,762 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:16:33,763 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:16:33,765 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:16:33,766 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:16:35,682 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:16:35,685 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:16:35,686 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:16:35,687 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:16:35,688 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
14.71 secs
2021-09-01 17:16:35,750 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:16:35,752 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:16:35,759 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:16:35,760 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:16:35,764 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:16:35,765 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:16:35,767 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:16:35,774 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:16:35,777 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:16:35,779 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:16:35,780 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…

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2021-09-01 17:16:35,782 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:16:35,789 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:16:36,114 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:16:36,117 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:16:36,118 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:16:41,494 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:16:41,497 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:16:41,571 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:16:48,931 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:16:48,934 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:16:48,935 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:16:48,938 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:16:48,939 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:16:48,942 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:16:48,943 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:16:48,945 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:16:48,947 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:16:48,950 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:16:48,951 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:16:48,952 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:16:48,954 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:16:49,274 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
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2021-09-01 17:16:49,276 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:16:49,277 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:16:49,278 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:16:49,280 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:16:51,419 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:16:51,423 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:16:51,424 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:16:51,425 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:16:51,426 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
15.73 secs
2021-09-01 17:16:51,486 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:16:51,488 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:16:51,493 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:16:51,494 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:16:51,496 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:16:51,497 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:16:51,499 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:16:51,504 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:16:51,507 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:16:51,509 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:16:51,510 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:16:51,511 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:16:51,516 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:16:51,746 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
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2021-09-01 17:16:51,748 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:16:51,749 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:16:54,702 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:16:54,707 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:16:54,796 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:17:03,642 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:17:03,645 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:17:03,647 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:17:03,651 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:17:03,653 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:17:03,658 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:17:03,659 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:17:03,663 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:17:03,665 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:17:03,668 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:17:03,670 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:17:03,672 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:17:03,674 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:17:04,008 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:17:04,011 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:17:04,012 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:17:04,015 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:17:04,017 - kedro.pipeline.node - INFO - Running node: get-
```

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confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:17:06,916 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:17:06,919 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:17:06,921 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:17:06,928 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:17:06,931 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
15.5 secs
2021-09-01 17:17:07,069 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:17:07,072 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:17:07,081 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:17:07,082 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:17:07,089 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:17:07,090 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:17:07,093 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:17:07,101 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:17:07,105 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:17:07,109 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:17:07,112 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:17:07,115 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:17:07,128 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:17:07,654 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:17:07,659 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:17:07,660 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:17:12,319 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:17:12,330 - kedro.pipeline.node - INFO - Running node: predict-
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production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:17:12,440 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:17:23,777 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:17:23,783 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:17:23,784 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:17:23,788 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:17:23,790 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:17:23,796 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:17:23,799 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:17:23,803 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:17:23,805 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:17:23,809 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:17:23,811 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:17:23,815 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:17:23,817 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:17:24,305 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:17:24,308 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:17:24,309 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:17:24,312 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:17:24,314 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:17:27,866 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:17:27,870 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:17:27,873 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
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2021-09-01 17:17:27,874 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:17:27,875 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
20.93 secs
2021-09-01 17:17:27,949 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:17:27,952 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:17:27,961 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:17:27,963 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:17:27,967 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:17:27,970 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:17:27,974 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:17:27,997 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:17:28,009 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:17:28,023 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:17:28,031 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:17:28,041 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:17:28,076 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:17:28,485 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:17:28,489 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:17:28,494 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:17:36,070 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:17:36,072 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:17:36,155 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:17:45,059 - kedro.io.data_catalog - INFO - Saving data to
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`prediction` (MemoryDataSet)…
2021-09-01 17:17:45,064 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:17:45,068 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:17:45,073 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:17:45,075 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:17:45,082 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:17:45,086 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:17:45,090 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:17:45,094 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:17:45,098 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:17:45,101 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:17:45,104 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:17:45,109 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:17:45,459 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:17:45,463 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:17:45,465 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:17:45,469 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:17:45,471 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:17:47,823 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:17:47,826 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:17:47,827 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:17:47,828 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:17:47,831 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
19.95 secs
2021-09-01 17:17:47,973 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
```

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2021-09-01 17:17:47,978 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:17:47,992 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:17:47,994 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:17:48,005 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:17:48,007 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:17:48,011 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:17:48,026 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:17:48,046 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:17:48,055 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:17:48,059 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:17:48,063 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:17:48,081 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:17:48,644 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:17:48,650 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:17:48,652 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:17:54,263 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:17:54,266 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:17:54,358 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:18:06,748 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:18:06,755 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:18:06,758 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:18:06,763 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
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2021-09-01 17:18:06,766 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:18:06,772 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:18:06,775 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:18:06,781 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:18:06,785 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:18:06,792 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:18:06,795 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:18:06,798 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:18:06,802 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:18:07,452 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:18:07,456 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:18:07,459 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:18:07,462 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:18:07,464 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:18:12,041 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:18:12,045 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:18:12,047 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:18:12,048 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:18:12,050 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
24.2 secs
2021-09-01 17:18:12,140 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:18:12,143 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:18:12,150 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:18:12,152 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:18:12,157 - kedro.runner.sequential_runner - INFO - Completed 1
```

out of 8 tasks
2021-09-01 17:18:12,159 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:18:12,161 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:18:12,170 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:18:12,176 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:18:12,179 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:18:12,181 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:18:12,185 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:18:12,194 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:18:12,593 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:18:12,597 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:18:12,599 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:18:19,757 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:18:19,764 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:18:19,857 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:18:31,628 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:18:31,633 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:18:31,635 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:18:31,642 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:18:31,645 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:18:31,651 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:18:31,653 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:18:31,658 - kedro.pipeline.node - INFO - Running node: reshape-

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prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:18:31,661 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:18:31,666 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:18:31,668 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:18:31,672 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:18:31,676 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:18:32,234 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:18:32,239 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:18:32,241 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:18:32,244 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:18:32,249 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:18:35,425 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:18:35,428 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:18:35,430 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:18:35,432 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:18:35,433 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
23.37 secs
2021-09-01 17:18:35,513 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:18:35,515 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:18:35,523 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:18:35,524 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:18:35,527 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:18:35,529 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:18:35,531 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:18:35,541 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
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2021-09-01 17:18:35,545 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:18:35,547 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:18:35,549 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:18:35,551 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:18:35,561 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:18:35,833 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:18:35,836 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:18:35,839 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:18:41,336 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:18:41,340 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:18:41,419 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:18:46,929 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:18:46,931 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:18:46,933 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:18:46,935 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:18:46,937 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:18:46,940 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:18:46,942 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:18:46,944 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:18:46,946 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:18:46,948 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:18:46,950 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
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2021-09-01 17:18:46,951 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:18:46,954 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:18:47,197 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:18:47,199 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:18:47,200 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:18:47,201 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:18:47,203 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:18:48,866 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:18:48,869 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:18:48,870 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:18:48,871 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:18:48,872 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
13.43 secs
2021-09-01 17:18:48,949 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:18:48,951 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:18:48,957 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:18:48,959 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:18:48,963 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:18:48,964 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:18:48,966 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:18:48,973 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:18:48,977 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:18:48,980 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:18:48,981 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:18:48,983 - kedro.io.data_catalog - INFO - Loading data from
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`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:18:48,990 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:18:49,369 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:18:49,373 - kedro.runner.sequential_runner - INFO - Completed 3
out of 8 tasks
2021-09-01 17:18:49,374 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:18:54,022 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:18:54,029 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:18:54,135 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:19:03,491 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:19:03,495 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:19:03,496 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:19:03,498 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:19:03,500 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:19:03,503 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:19:03,505 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:19:03,507 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:19:03,509 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:19:03,511 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:19:03,513 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:19:03,514 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:19:03,516 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:19:03,876 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:19:03,879 - kedro.runner.sequential_runner - INFO - Completed 7
```

out of 8 tasks
2021-09-01 17:19:03,880 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:19:03,882 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:19:03,885 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
2021-09-01 17:19:06,213 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:19:06,216 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:19:06,217 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:19:06,218 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:19:06,219 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
17.34 secs
2021-09-01 17:19:06,269 - kedro.io.data_catalog - INFO - Loading data from
`synced` (MemoryDataSet)…
2021-09-01 17:19:06,270 - kedro.io.data_catalog - INFO - Loading data from
`params:TEST` (MemoryDataSet)…
2021-09-01 17:19:06,276 - kedro.pipeline.node - INFO - Running node: test_label:
test_on_label([params:TEST,synced]) -> [tested]
2021-09-01 17:19:06,277 - kedro.io.data_catalog - INFO - Saving data to `tested`
(MemoryDataSet)…
2021-09-01 17:19:06,279 - kedro.runner.sequential_runner - INFO - Completed 1
out of 8 tasks
2021-09-01 17:19:06,281 - kedro.io.data_catalog - INFO - Loading data from
`tested` (MemoryDataSet)…
2021-09-01 17:19:06,282 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:19:06,289 - kedro.pipeline.node - INFO - Running node:
float_and_32bit: set_resolution([params:DATA_ENG,tested]) -> [floated32]
2021-09-01 17:19:06,290 - kedro.io.data_catalog - INFO - Saving data to
`floated32` (MemoryDataSet)…
2021-09-01 17:19:06,293 - kedro.runner.sequential_runner - INFO - Completed 2
out of 8 tasks
2021-09-01 17:19:06,294 - kedro.io.data_catalog - INFO - Loading data from
`floated32` (MemoryDataSet)…
2021-09-01 17:19:06,295 - kedro.io.data_catalog - INFO - Loading data from
`params:DATA_ENG` (MemoryDataSet)…
2021-09-01 17:19:06,303 - kedro.pipeline.node - INFO - Running node:
reshape_for_net: reshape_input_for_net([floated32,params:DATA_ENG]) ->
[prod_audio]
2021-09-01 17:19:06,386 - kedro.io.data_catalog - INFO - Saving data to
`prod_audio` (MemoryDataSet)…
2021-09-01 17:19:06,388 - kedro.runner.sequential_runner - INFO - Completed 3

```
out of 8 tasks
2021-09-01 17:19:06,389 - kedro.io.data_catalog - INFO - Loading data from
`model` (TensorFlowModelDataset)…
2021-09-01 17:19:10,323 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:19:10,325 - kedro.pipeline.node - INFO - Running node: predict-
production-audio: predict([model,prod_audio]) -> [prediction]
2021-09-01 17:19:10,393 - tensorflow - WARNING - Model was constructed with
shape (None, 10, 1) for input KerasTensor(type_spec=TensorSpec(shape=(None, 10,
1), dtype=tf.float32, name='gru_input'), name='gru_input', description="created
by layer 'gru_input'"), but it was called on an input with incompatible shape
(None, 1, 1).
2021-09-01 17:19:12,764 - kedro.io.data_catalog - INFO - Saving data to
`prediction` (MemoryDataSet)…
2021-09-01 17:19:12,766 - kedro.runner.sequential_runner - INFO - Completed 4
out of 8 tasks
2021-09-01 17:19:12,767 - kedro.io.data_catalog - INFO - Loading data from
`prod_audio` (MemoryDataSet)…
2021-09-01 17:19:12,769 - kedro.pipeline.node - INFO - Running node: reshape-
label: reshape_label([prod_audio]) -> [label_for_eval]
2021-09-01 17:19:12,770 - kedro.io.data_catalog - INFO - Saving data to
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:19:12,773 - kedro.runner.sequential_runner - INFO - Completed 5
out of 8 tasks
2021-09-01 17:19:12,775 - kedro.io.data_catalog - INFO - Loading data from
`prediction` (MemoryDataSet)…
2021-09-01 17:19:12,777 - kedro.pipeline.node - INFO - Running node: reshape-
prediction: reshape_prediction([prediction]) -> [prediction_for_eval]
2021-09-01 17:19:12,779 - kedro.io.data_catalog - INFO - Saving data to
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:19:12,781 - kedro.runner.sequential_runner - INFO - Completed 6
out of 8 tasks
2021-09-01 17:19:12,782 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:19:12,784 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:19:12,786 - kedro.pipeline.node - INFO - Running node: evaluate-
predictions: evaluate([label_for_eval,prediction_for_eval]) -> [metrics]
2021-09-01 17:19:12,882 - kedro.io.data_catalog - INFO - Saving data to
`metrics` (MemoryDataSet)…
2021-09-01 17:19:12,884 - kedro.runner.sequential_runner - INFO - Completed 7
out of 8 tasks
2021-09-01 17:19:12,886 - kedro.io.data_catalog - INFO - Loading data from
`prediction_for_eval` (MemoryDataSet)…
2021-09-01 17:19:12,889 - kedro.io.data_catalog - INFO - Loading data from
`label_for_eval` (MemoryDataSet)…
2021-09-01 17:19:12,890 - kedro.pipeline.node - INFO - Running node: get-
confusion: get_confusion([label_for_eval,prediction_for_eval]) -> [confusion]
```

```
2021-09-01 17:19:13,574 - kedro.io.data_catalog - INFO - Saving data to
`confusion` (MemoryDataSet)…
2021-09-01 17:19:13,576 - kedro.runner.sequential_runner - INFO - Completed 8
out of 8 tasks
2021-09-01 17:19:13,577 - kedro.runner.sequential_runner - INFO - Pipeline
execution completed successfully.
2021-09-01 17:19:13,578 - kedro.io.data_catalog - INFO - Loading data from
`metrics` (MemoryDataSet)…
2021-09-01 17:19:13,579 - kedro.io.data_catalog - INFO - Loading data from
`confusion` (MemoryDataSet)…
7.35 secs
```

We show below the FRR statistics calculated over the FRR calculated from the first audio of the test subjects with various other usual performance metrics:

```
              FRR  precision          f1   accuracy
count   34.000000  34.000000  34.000000  34.000000
mean     0.099964   0.880807   0.887682   0.817736
std      0.046641   0.061190   0.026471   0.035757
min      0.003827   0.721478   0.806569   0.713119
25%      0.070557   0.853839   0.875609   0.797570
50%      0.103495   0.894291   0.890403   0.821224
75%      0.130703   0.923915   0.899492   0.835867
max      0.198722   0.972809   0.936646   0.887981
```
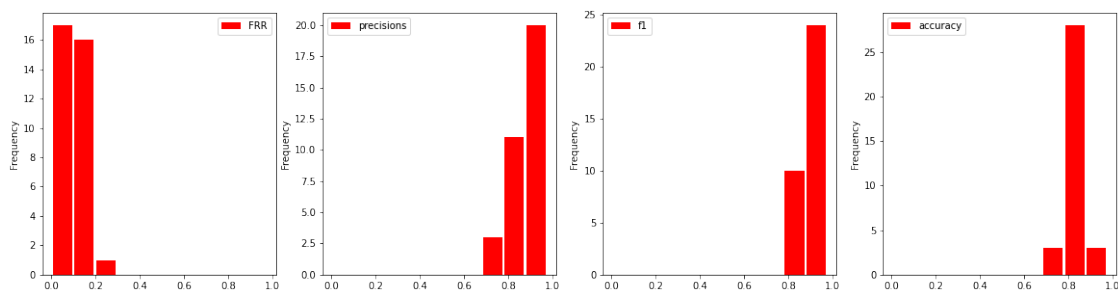

1.5   Conclusion & Discussions

I have developped a 1-layer GRU neural network detect speech activity with about 11% false rejection rate, on a low computing device

To improve the model the next steps would be to try a more thorough hyperparameter search:

- different learning rates
- more model architectures

To test the model in online speeck detection conditions with streaming audio data from a microphone: - Add an streaming inference pipeline that makes online predictions

To deploy the model on constrained resource devices such as iOS or BlackBerry Pi:

- model quantization
- convert the model to tensorflow lite format for deployment on iOS

1.6 References

1.7 Supplementary results

1.8 Each speaker first audio signal

```
SPEAKER 103 - PANEL 0
  data/01_raw/vad_data/103-1240-0001.wav
  data/01_raw/vad_data/103-1240-0001.json
```
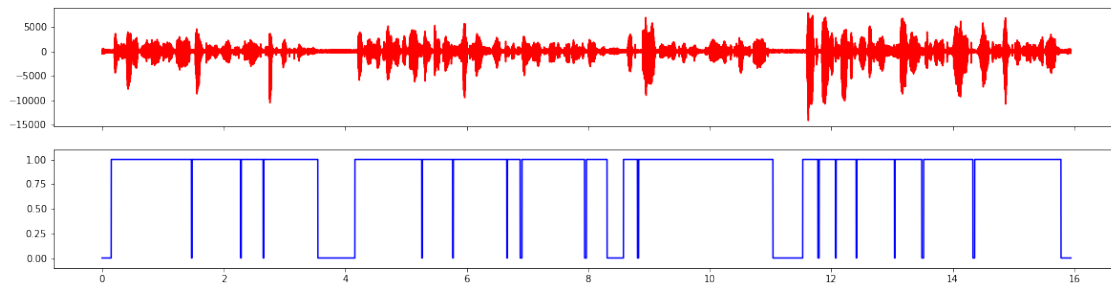


```
SPEAKER 1034 - PANEL 1
  data/01_raw/vad_data/1034-121119-0005.wav
  data/01_raw/vad_data/1034-121119-0005.json
```
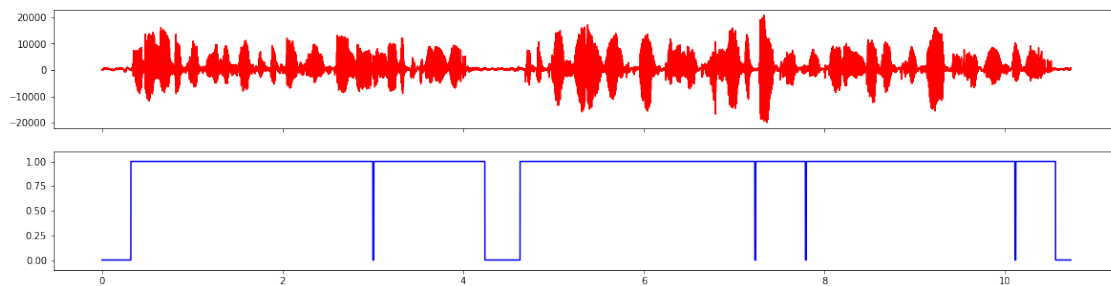


```
SPEAKER 1040 - PANEL 2
  data/01_raw/vad_data/1040-133433-0001.wav
  data/01_raw/vad_data/1040-133433-0001.json
```
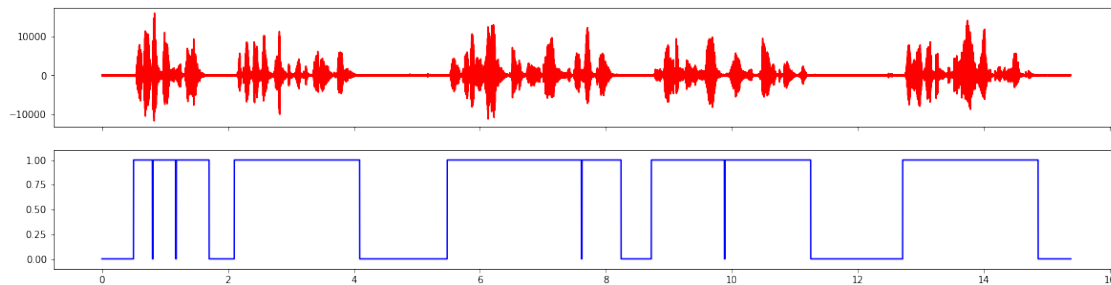
SPEAKER 1069 - PANEL 3
  data/01_raw/vad_data/1069-133699-0000.wav
  data/01_raw/vad_data/1069-133699-0000.json
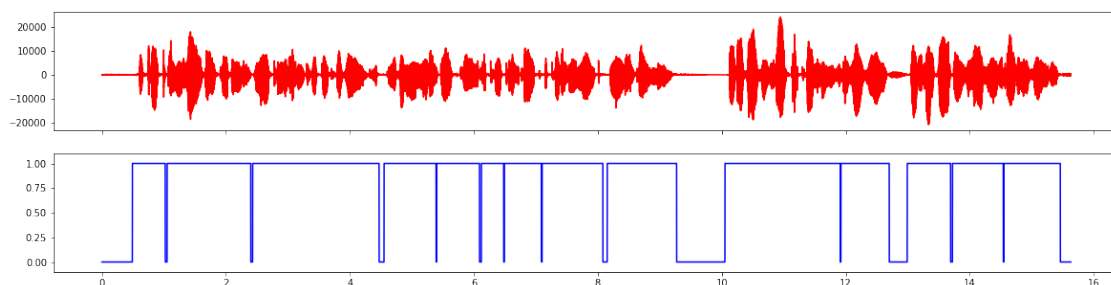
SPEAKER 1081 - PANEL 4
  data/01_raw/vad_data/1081-125237-0007.wav
  data/01_raw/vad_data/1081-125237-0007.json
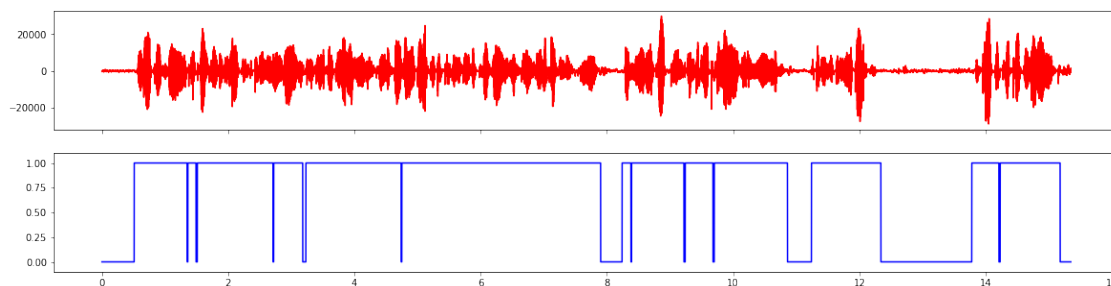
SPEAKER 1088 - PANEL 5
  data/01_raw/vad_data/1088-129236-0003.wav
  data/01_raw/vad_data/1088-129236-0003.json
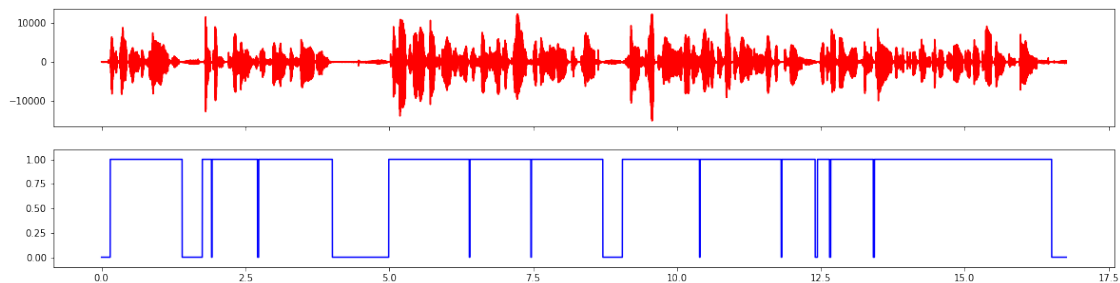
SPEAKER 1098 - PANEL 6
  data/01_raw/vad_data/1098-133695-0001.wav
  data/01_raw/vad_data/1098-133695-0001.json
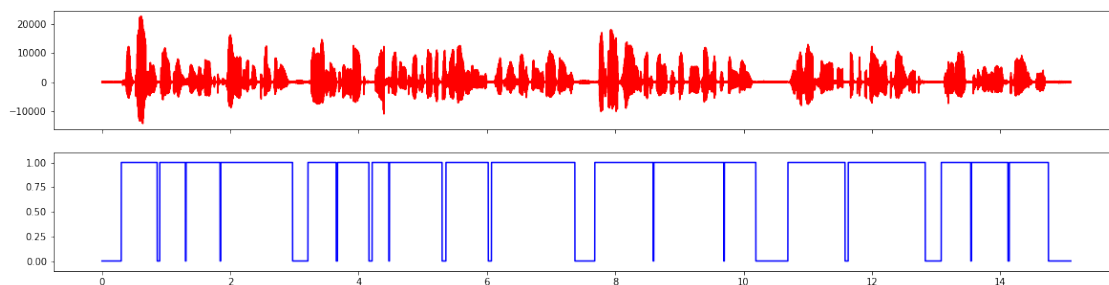
SPEAKER 1116 - PANEL 7
  data/01_raw/vad_data/1116-132847-0003.wav
  data/01_raw/vad_data/1116-132847-0003.json
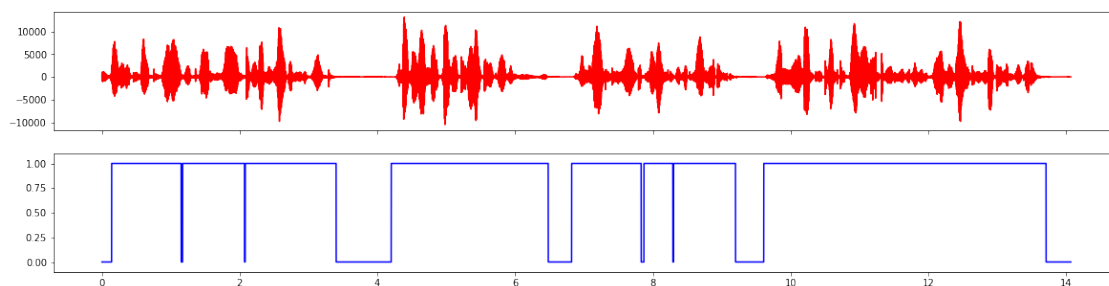
SPEAKER 118 - PANEL 8
  data/01_raw/vad_data/118-121721-0005.wav
  data/01_raw/vad_data/118-121721-0005.json
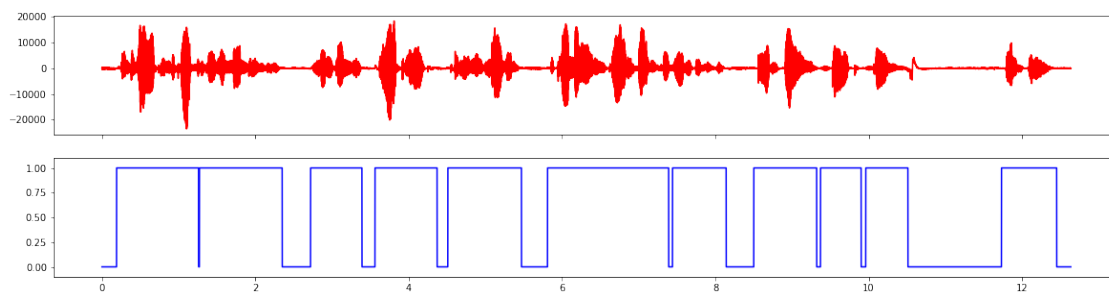
SPEAKER 1183 - PANEL 9
  data/01_raw/vad_data/1183-124566-0000.wav
  data/01_raw/vad_data/1183-124566-0000.json
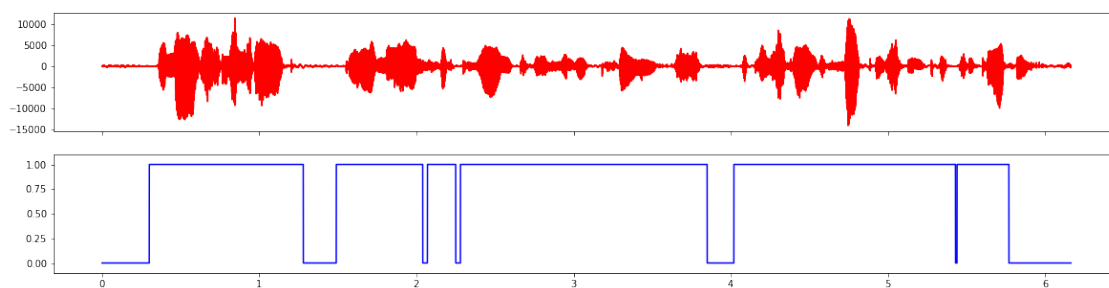
SPEAKER 1235 - PANEL 10
  data/01_raw/vad_data/1235-135883-0007.wav
  data/01_raw/vad_data/1235-135883-0007.json
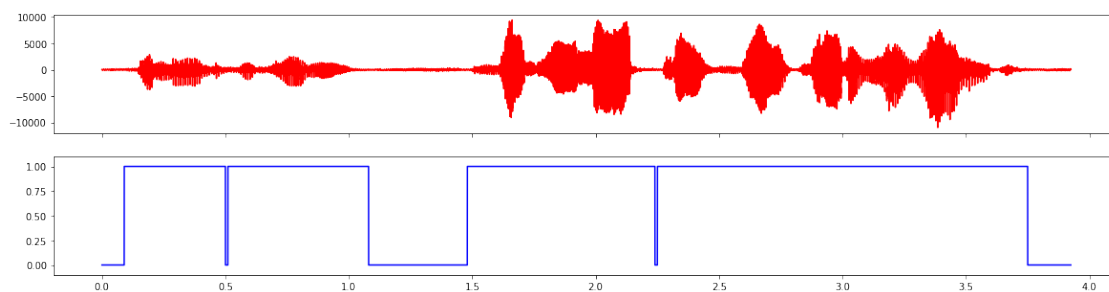
SPEAKER 1246 - PANEL 11
  data/01_raw/vad_data/1246-124548-0000.wav
  data/01_raw/vad_data/1246-124548-0000.json
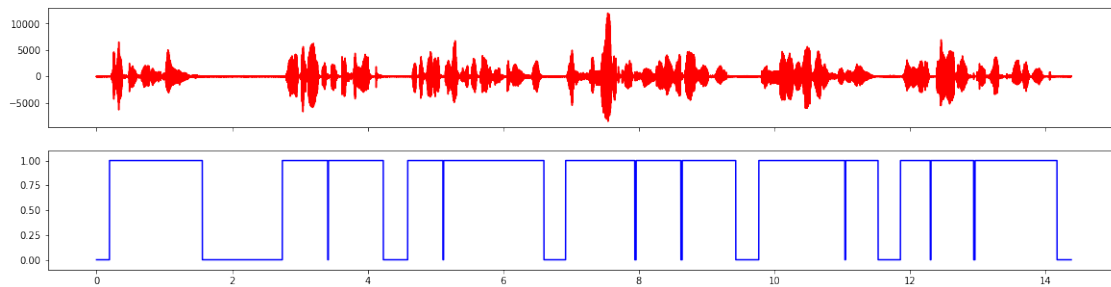
SPEAKER 125 - PANEL 12
 data/01_raw/vad_data/125-121124-0000.wav
  data/01_raw/vad_data/125-121124-0000.json
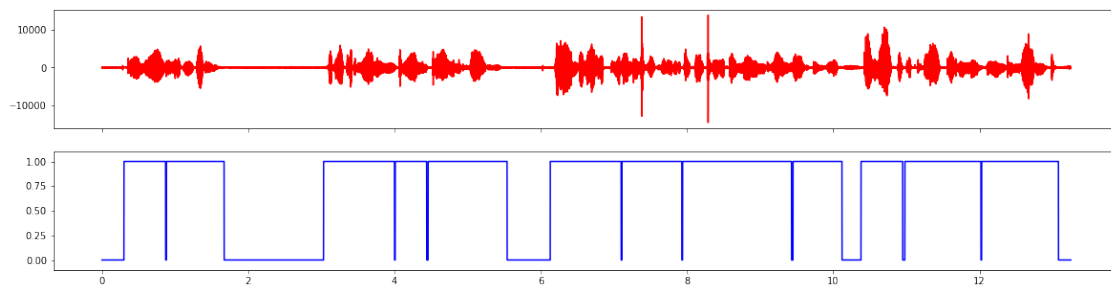
SPEAKER 1263 - PANEL 13
  data/01_raw/vad_data/1263-138246-0000.wav
  data/01_raw/vad_data/1263-138246-0000.json
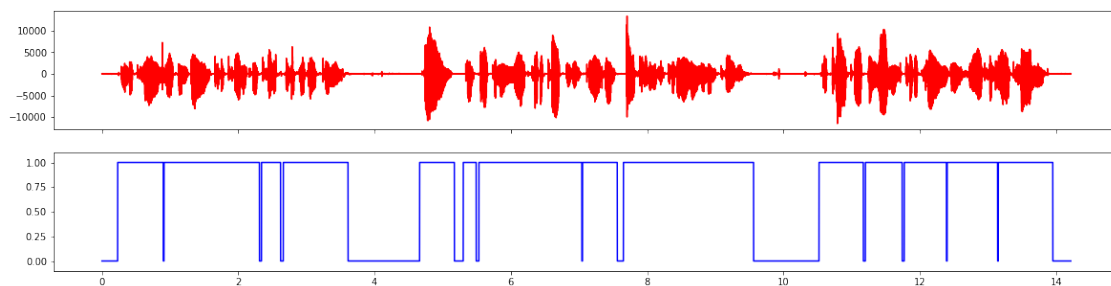
SPEAKER 1334 - PANEL 14
  data/01_raw/vad_data/1334-135589-0011.wav
  data/01_raw/vad_data/1334-135589-0011.json
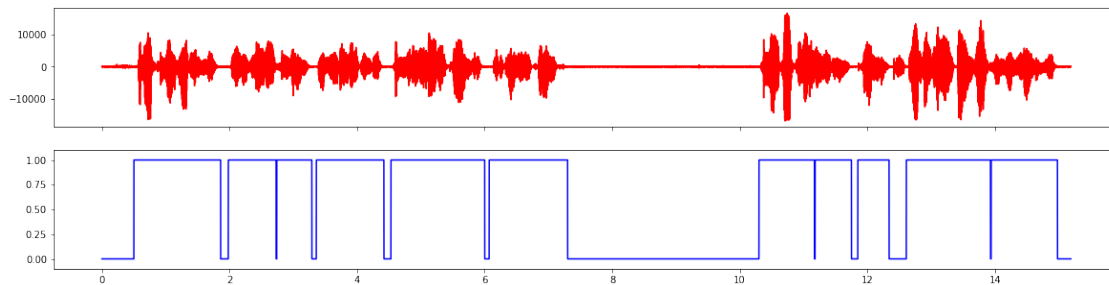
SPEAKER 1355 - PANEL 15
  data/01_raw/vad_data/1355-39947-0014.wav
  data/01_raw/vad_data/1355-39947-0014.json
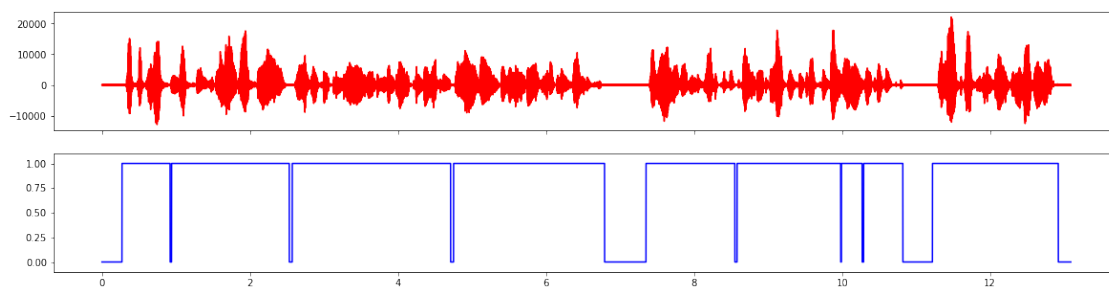
SPEAKER 1363 - PANEL 16
  data/01_raw/vad_data/1363-135842-0000.wav
  data/01_raw/vad_data/1363-135842-0000.json
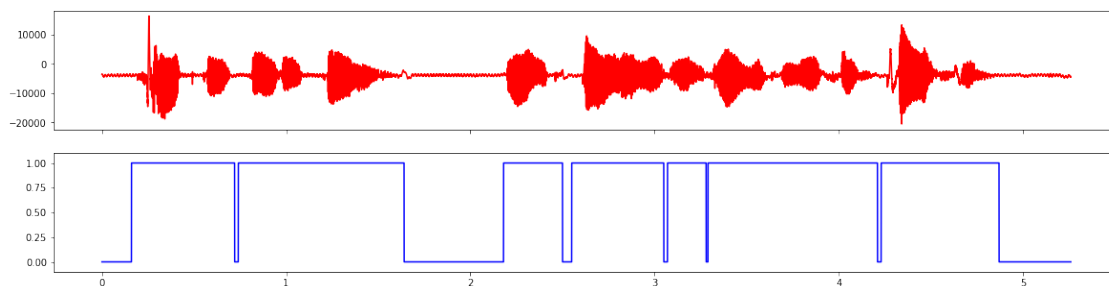
SPEAKER 1447 - PANEL 17
  data/01_raw/vad_data/1447-130550-0000.wav
  data/01_raw/vad_data/1447-130550-0000.json
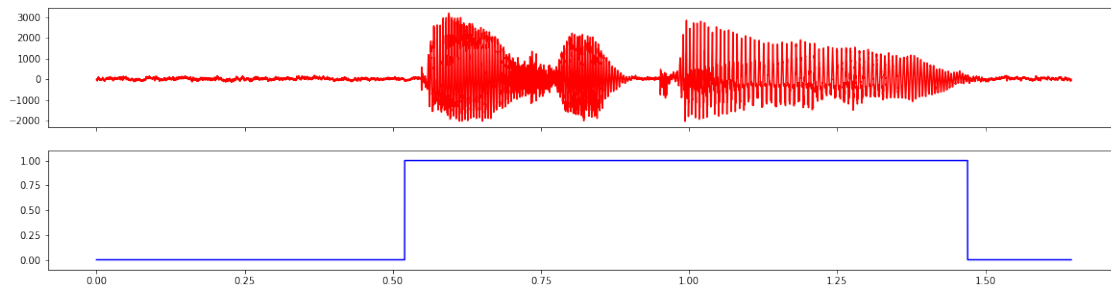
SPEAKER 1455 - PANEL 18
  data/01_raw/vad_data/1455-134435-0007.wav
  data/01_raw/vad_data/1455-134435-0007.json
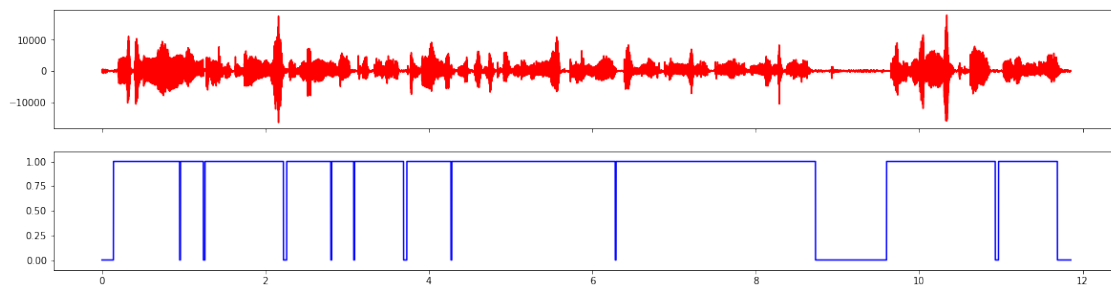
SPEAKER 150 - PANEL 19
  data/01_raw/vad_data/150-126107-0001.wav
  data/01_raw/vad_data/150-126107-0001.json
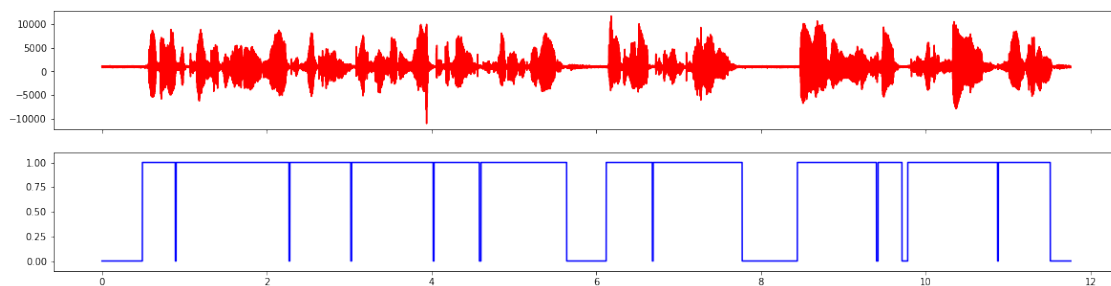
SPEAKER 1502 - PANEL 20
  data/01_raw/vad_data/1502-122615-0007.wav
  data/01_raw/vad_data/1502-122615-0007.json
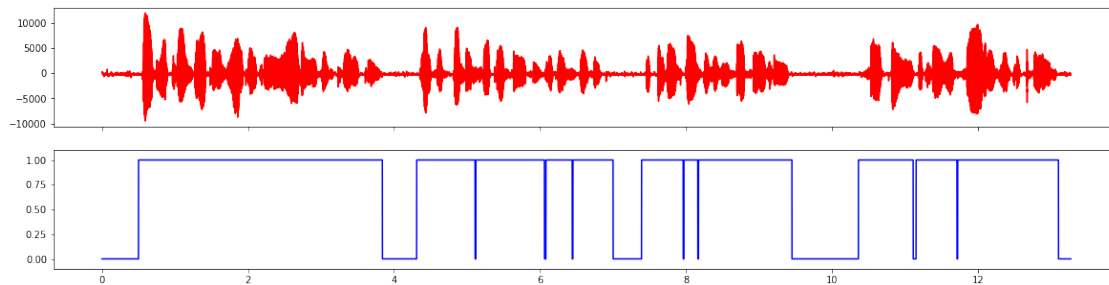
SPEAKER 1553 - PANEL 21
  data/01_raw/vad_data/1553-140047-0002.wav
  data/01_raw/vad_data/1553-140047-0002.json
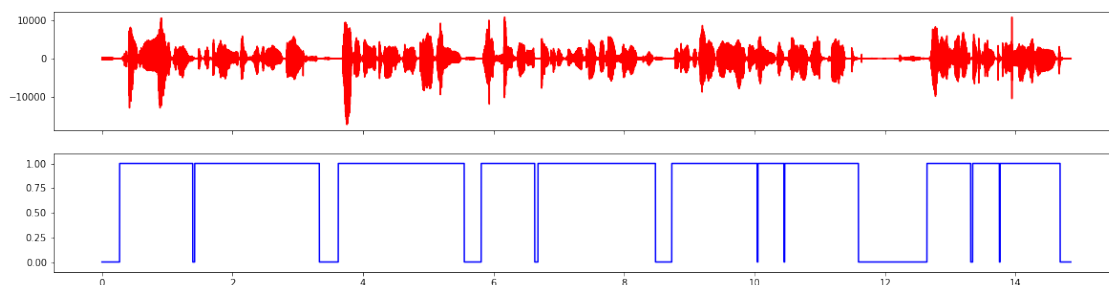
SPEAKER 1578 - PANEL 22
  data/01_raw/vad_data/1578-140045-0000.wav
  data/01_raw/vad_data/1578-140045-0000.json
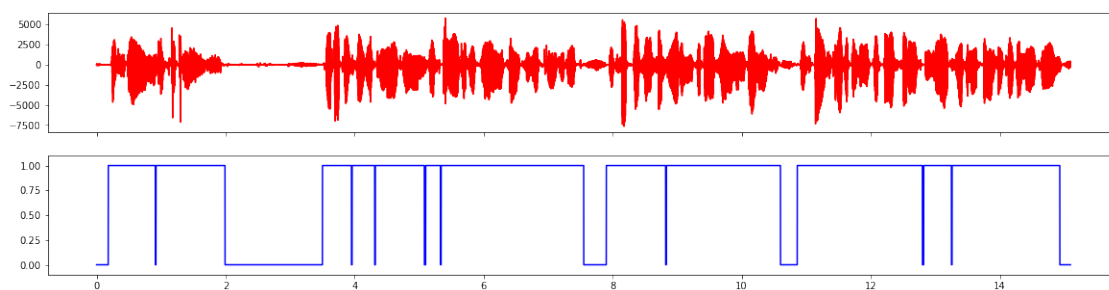
SPEAKER 1594 - PANEL 23
 data/01_raw/vad_data/1594-135914-0004.wav
  data/01_raw/vad_data/1594-135914-0004.json
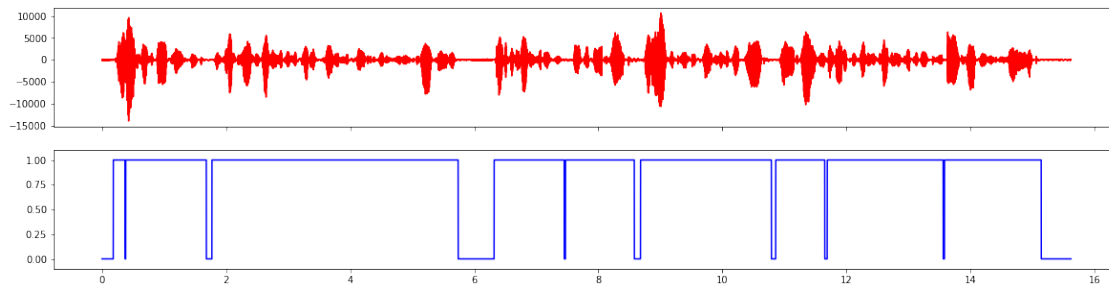
SPEAKER 1624 - PANEL 24
  data/01_raw/vad_data/1624-142933-0003.wav
  data/01_raw/vad_data/1624-142933-0003.json
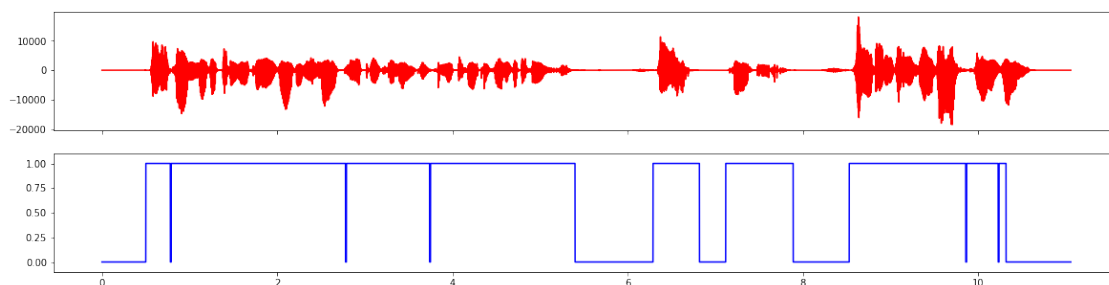
SPEAKER 163 - PANEL 25
  data/01_raw/vad_data/163-121908-0006.wav
  data/01_raw/vad_data/163-121908-0006.json
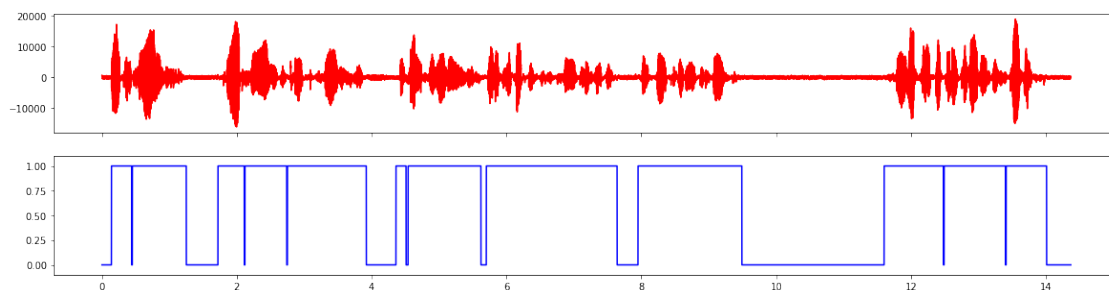
SPEAKER 1723 - PANEL 26
  data/01_raw/vad_data/1723-141149-0005.wav
  data/01_raw/vad_data/1723-141149-0005.json
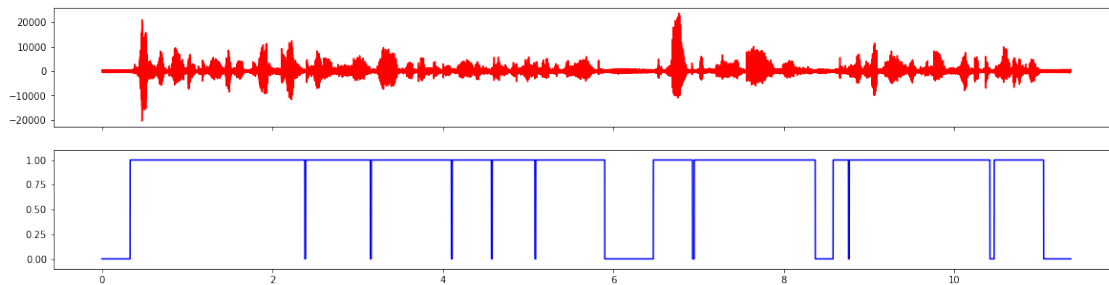
SPEAKER 1737 - PANEL 27
    data/01_raw/vad_data/1737-142396-0000.wav
    data/01_raw/vad_data/1737-142396-0000.json
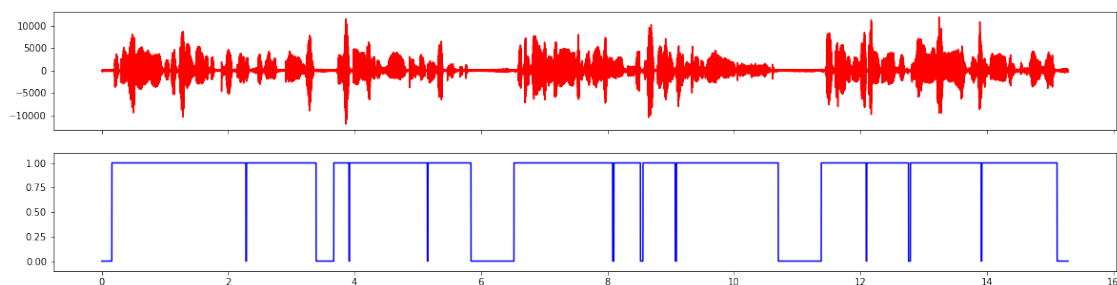
SPEAKER 1743 - PANEL 28
    data/01_raw/vad_data/1743-142912-0002.wav
    data/01_raw/vad_data/1743-142912-0002.json
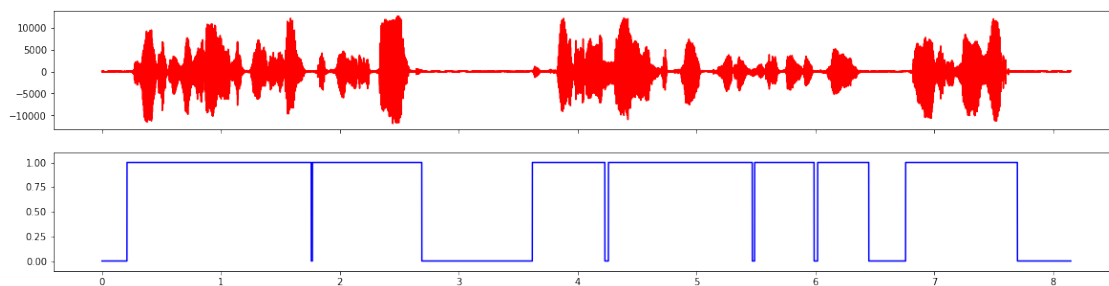
SPEAKER 1841 - PANEL 29
    data/01_raw/vad_data/1841-150351-0013.wav
    data/01_raw/vad_data/1841-150351-0013.json
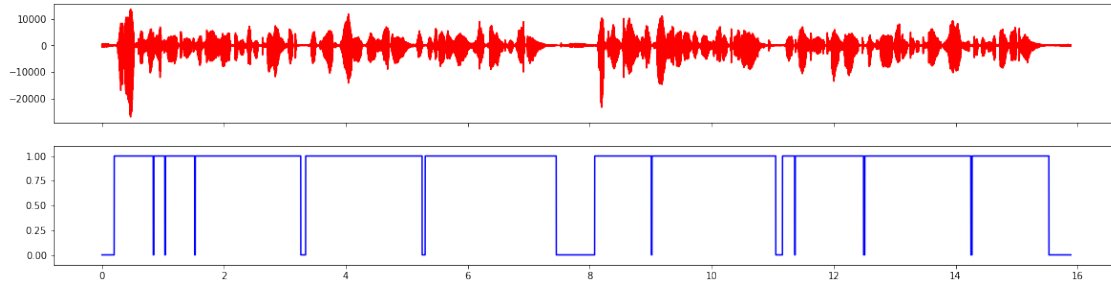
SPEAKER 1867 - PANEL 30
  data/01_raw/vad_data/1867-148436-0001.wav
  data/01_raw/vad_data/1867-148436-0001.json
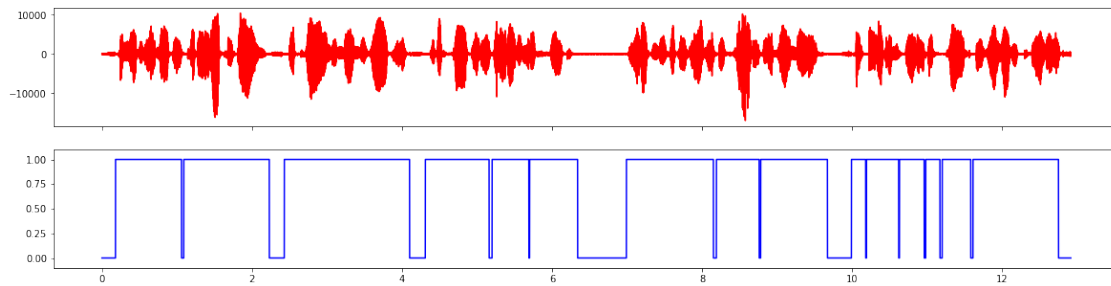
SPEAKER 1898 - PANEL 31
  data/01_raw/vad_data/1898-145702-0007.wav
  data/01_raw/vad_data/1898-145702-0007.json
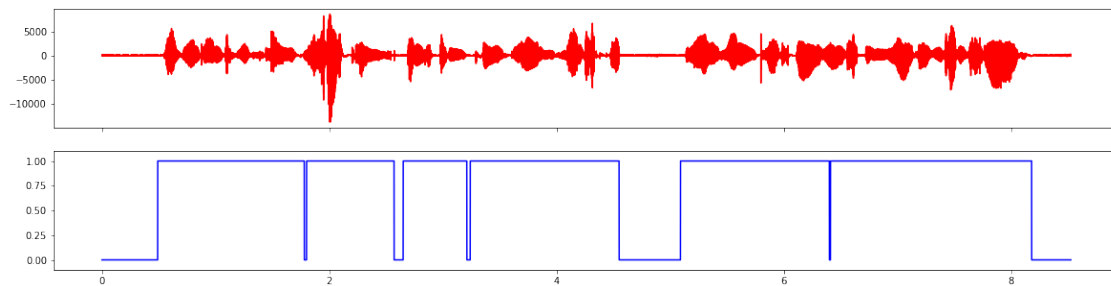
SPEAKER 19 - PANEL 32
  data/01_raw/vad_data/19-198-0003.wav
  data/01_raw/vad_data/19-198-0003.json
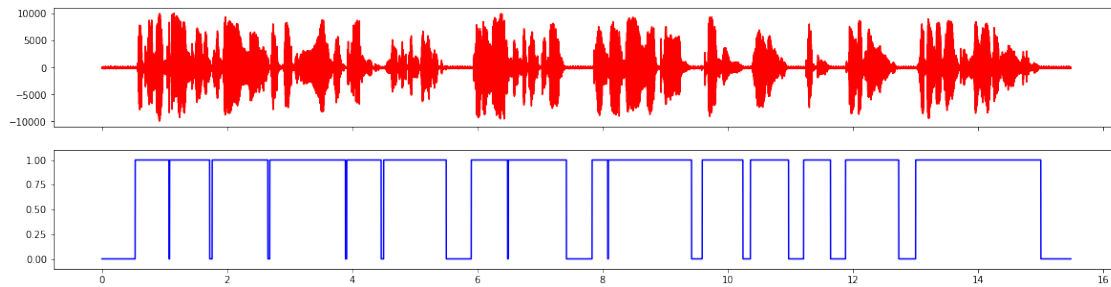
```
SPEAKER 1926 - PANEL 33
  data/01_raw/vad_data/1926-143879-0002.wav
  data/01_raw/vad_data/1926-143879-0002.json
```
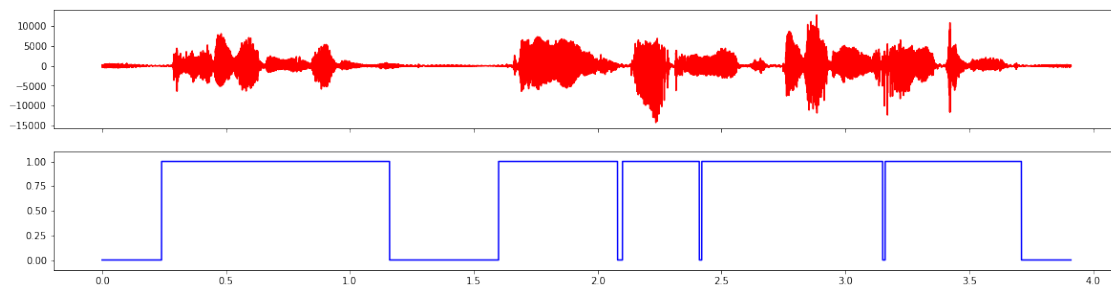


```
17.36 sec
```

1.9 Experimental run tracking

Each run parameters was tracked with mlflow api.