


1. Clock Reader GUI

Live Camera
Check

Data
Collection

Model
Training

Model
Load / Save



datasetA

category1

count50

add

epochs1

progress

loss0

accuracy0

train

evaluate

model pathmy_model.pth

load model

save model

10.00

20.00

30.98

40.01

50.00

60.00

70.00

80.00

90.00

100.00

110.00

120.02

prediction3

state

stop

live

Test

2. Clock Reader Description

- Task: Read clock time (hour only)
- Data category: 1 ~ 12
- Each category has approx. 50 images

3. Samples of Test Results

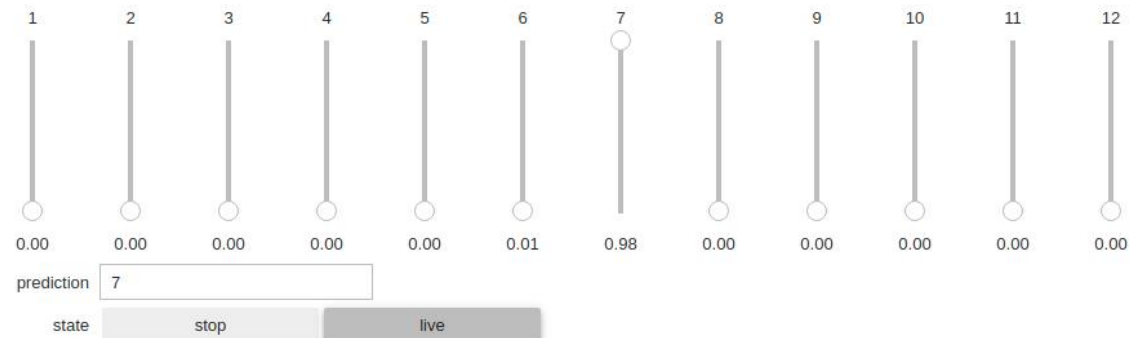


dataset A
category 1
count 50

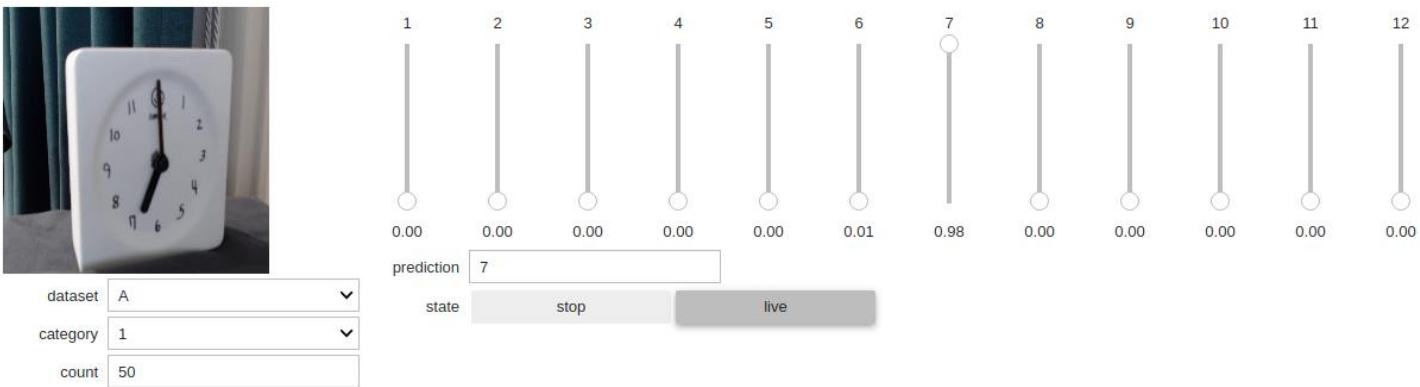
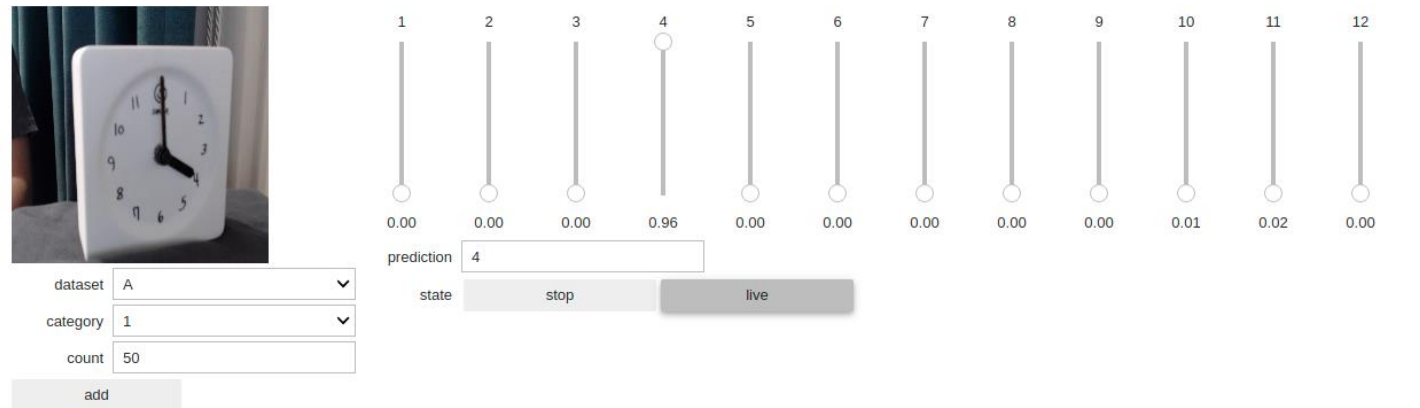
add



dataset A
category 1
count 50

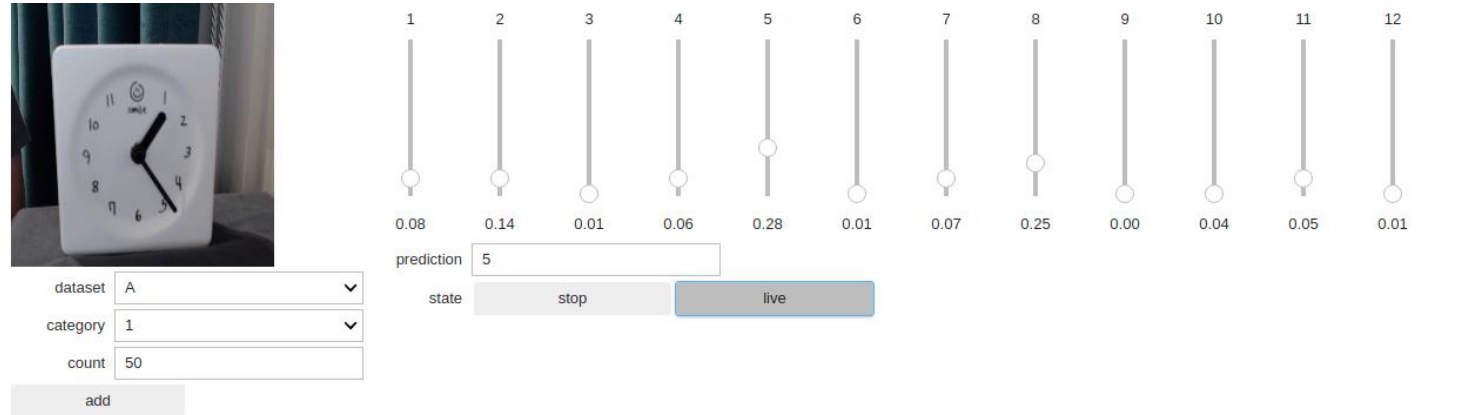


3. Samples of Test Results



4. Limitations and issues

- Off-hours cannot be read exactly!
- It is because the clock reader is a classification model, not a regression model.



- The clock reading model sometimes freezes or becomes really slow with live video streaming.