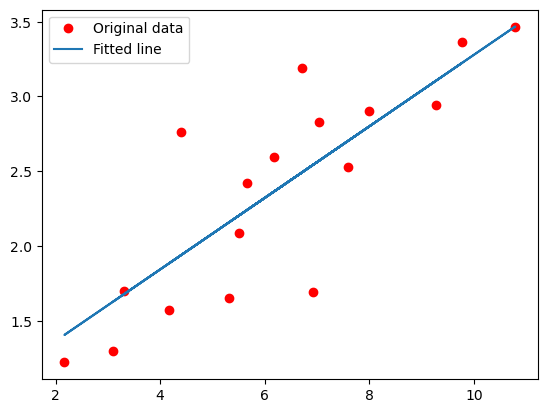
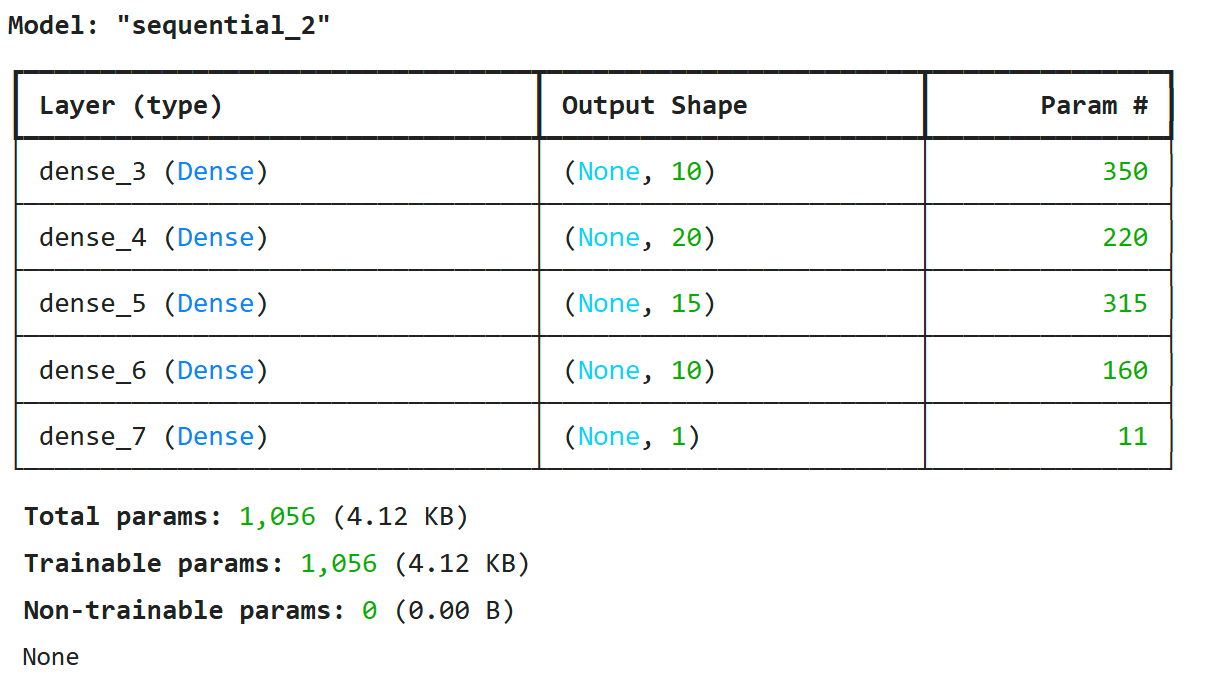
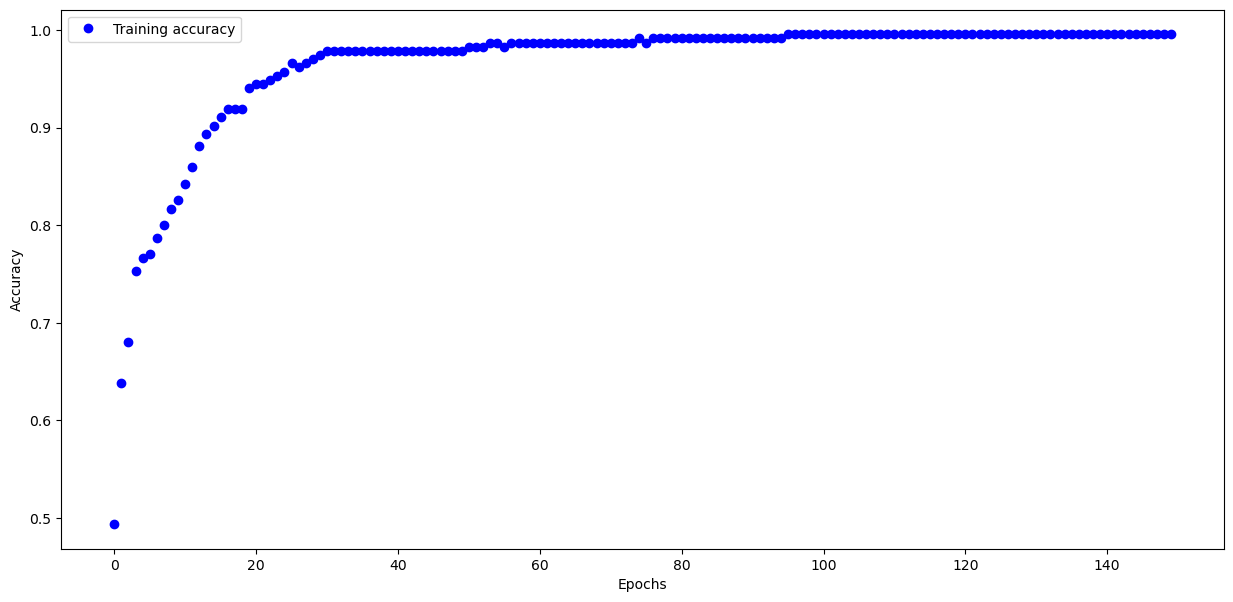
LAB Logbook

Lab 1



Lab 2





Lab 3

Lab 4

**Model: "sequential\_2"**

┏━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━┳━━━━━━━━━━━━━━━━━━━━━━━━┳━━━━━━━━━━━━━━━┓

┃ **Layer (type)** ┃ **Output Shape** ┃ **Param #** ┃

┡━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━╇━━━━━━━━━━━━━━━━━━━━━━━━╇━━━━━━━━━━━━━━━┩

│ dense\_6 (Dense) │ (None, 152) │ 3,040 │

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│ dense\_7 (Dense) │ (None, 64) │ 9,792 │

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│ dense\_8 (Dense) │ (None, 32) │ 2,080 │

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│ dense\_9 (Dense) │ (None, 1) │ 33 │

└─────────────────────────────────┴────────────────────────┴───────────────┘

**Total params:** 14,945 (58.38 KB)

**Trainable params:** 14,945 (58.38 KB)

**Non-trainable params:** 0 (0.00 B)

None

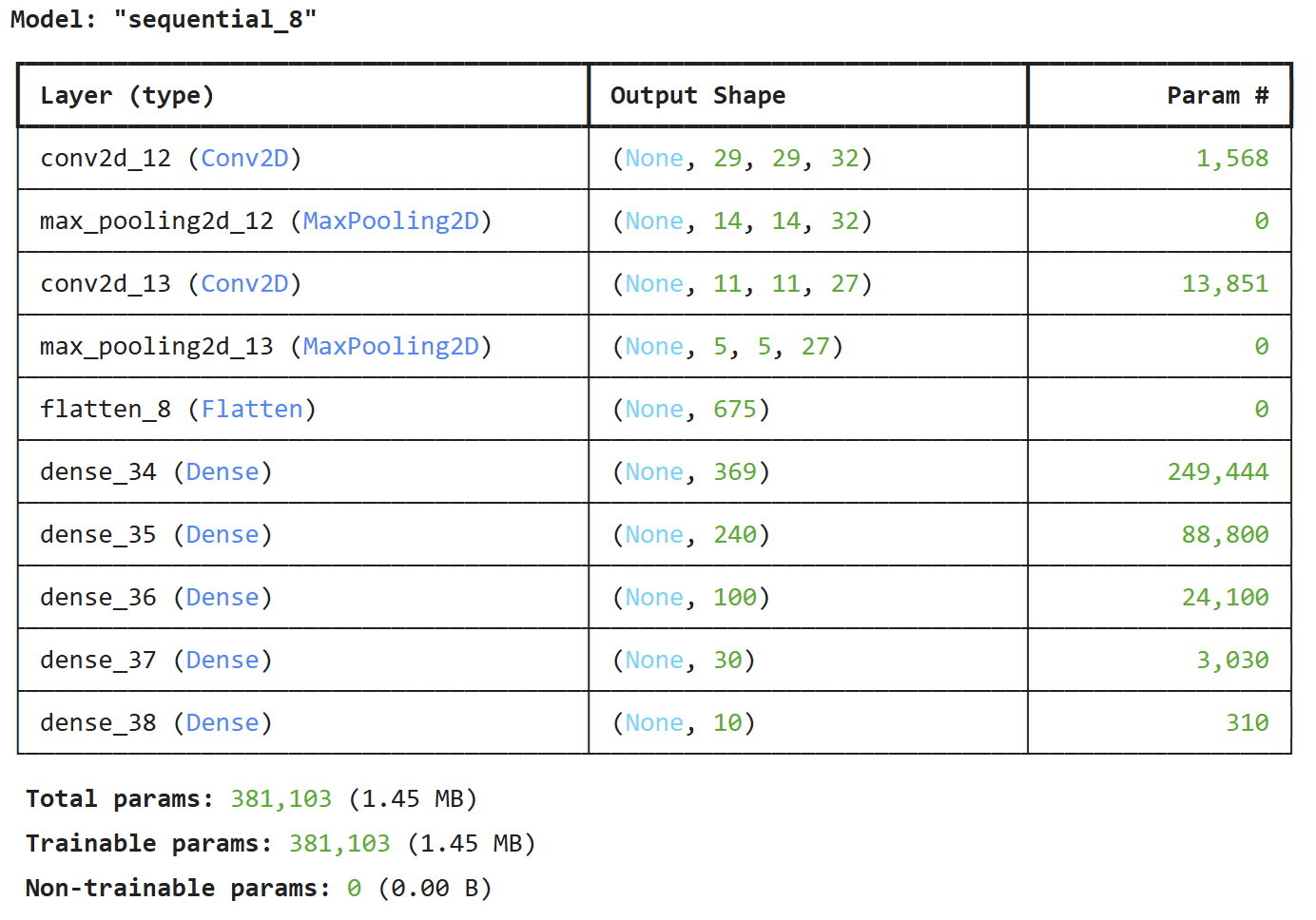
A graph with blue dots

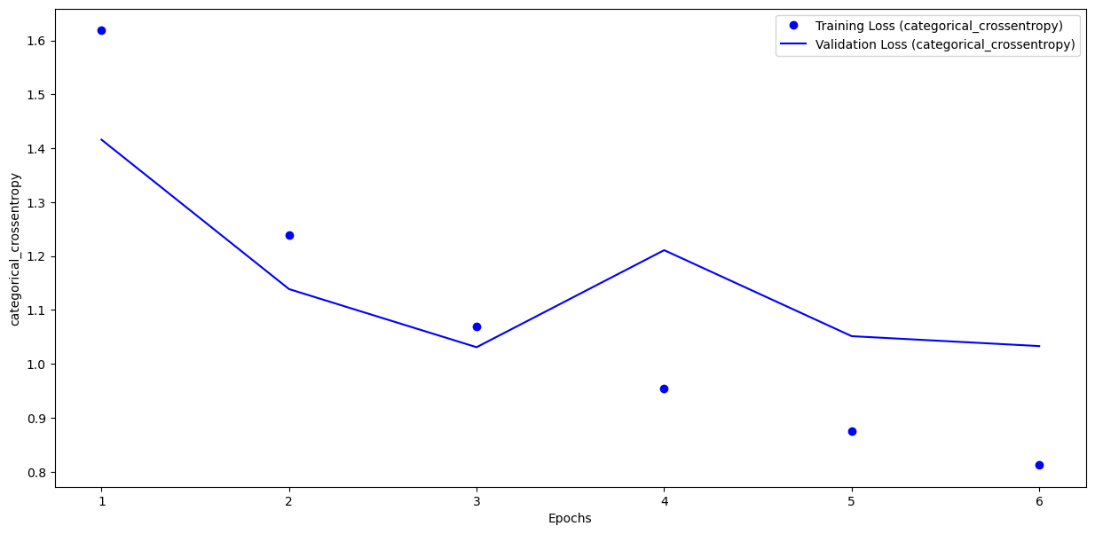
AI-generated content may be incorrect.

**absolute prediction error = 68057.0 $**

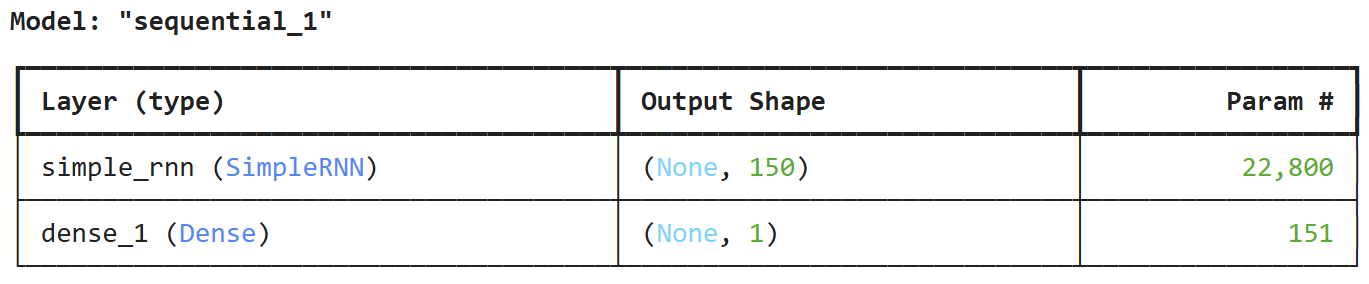
**relative prediction error = 30.670121676430824 %**

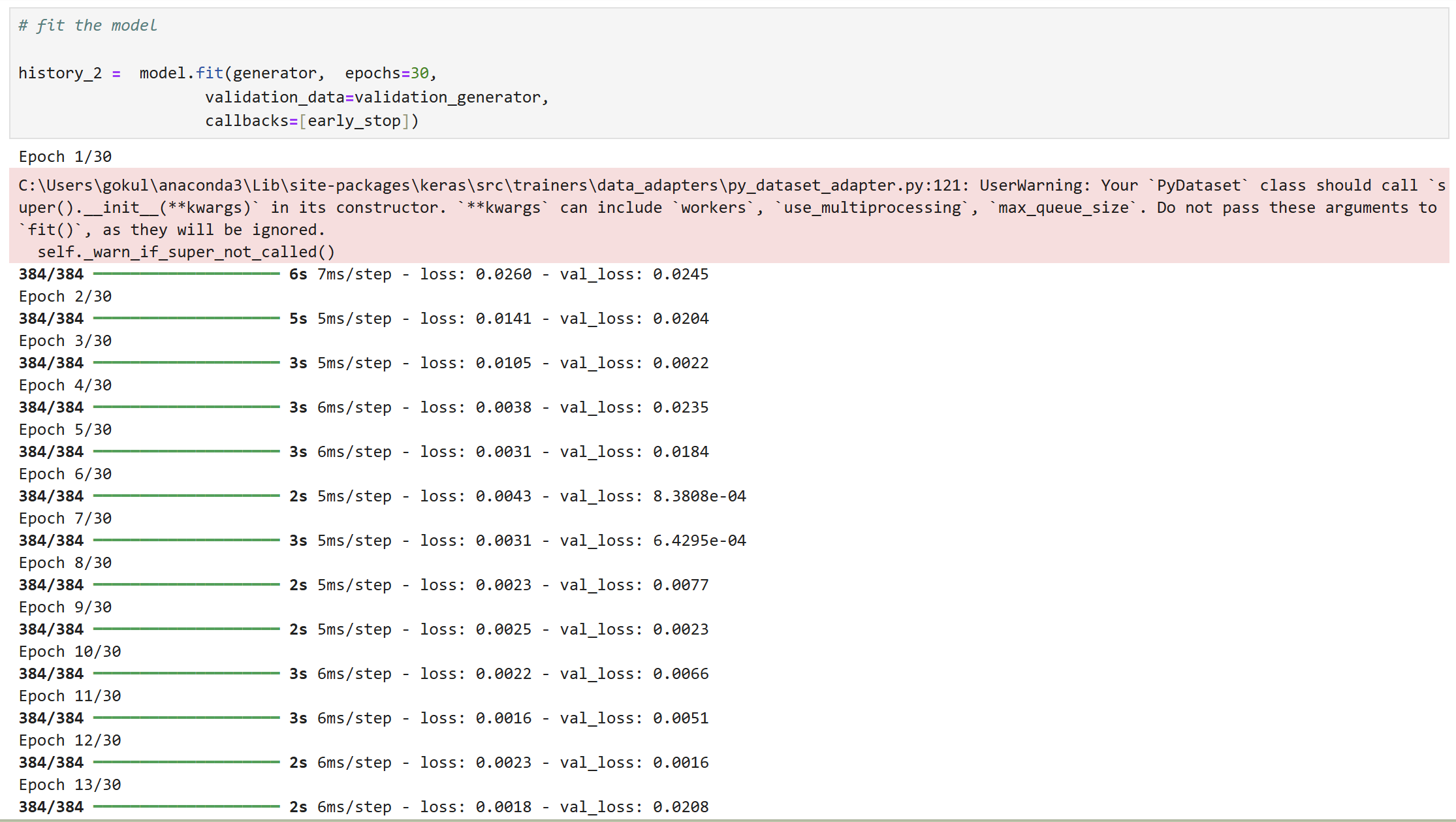
Lab 5

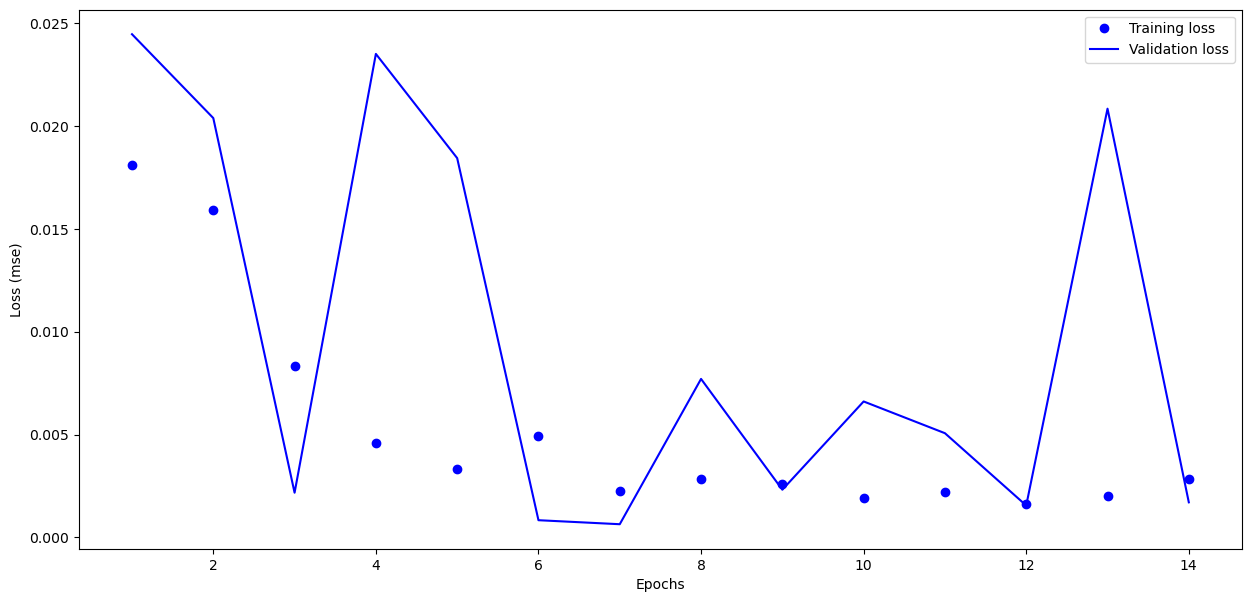




Lab 6



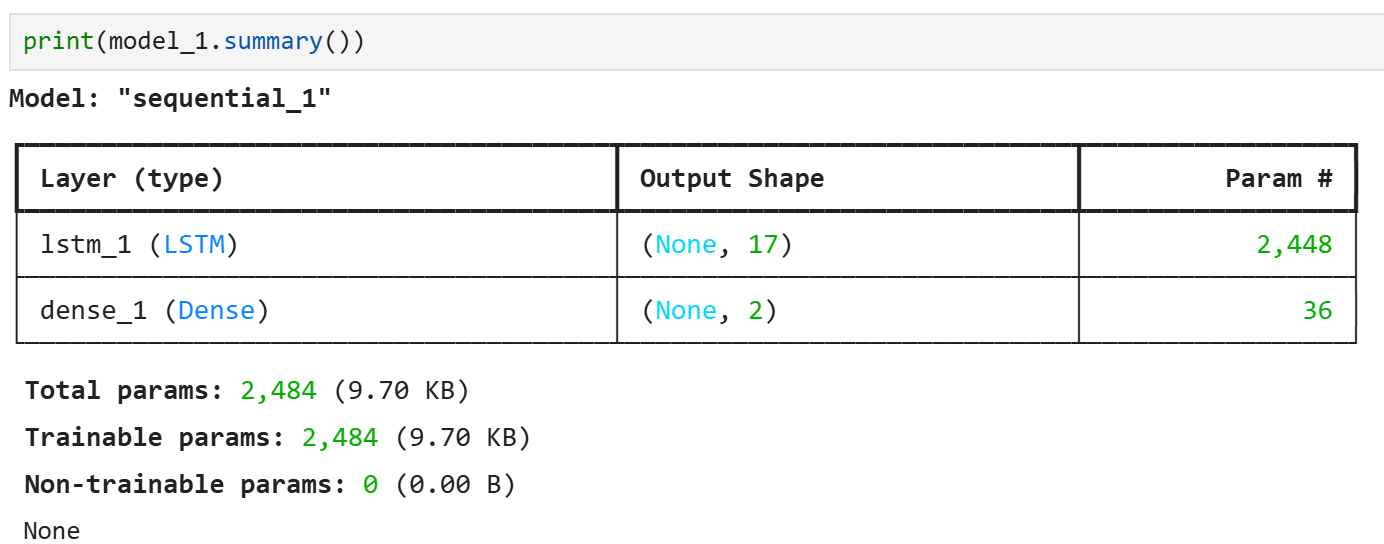


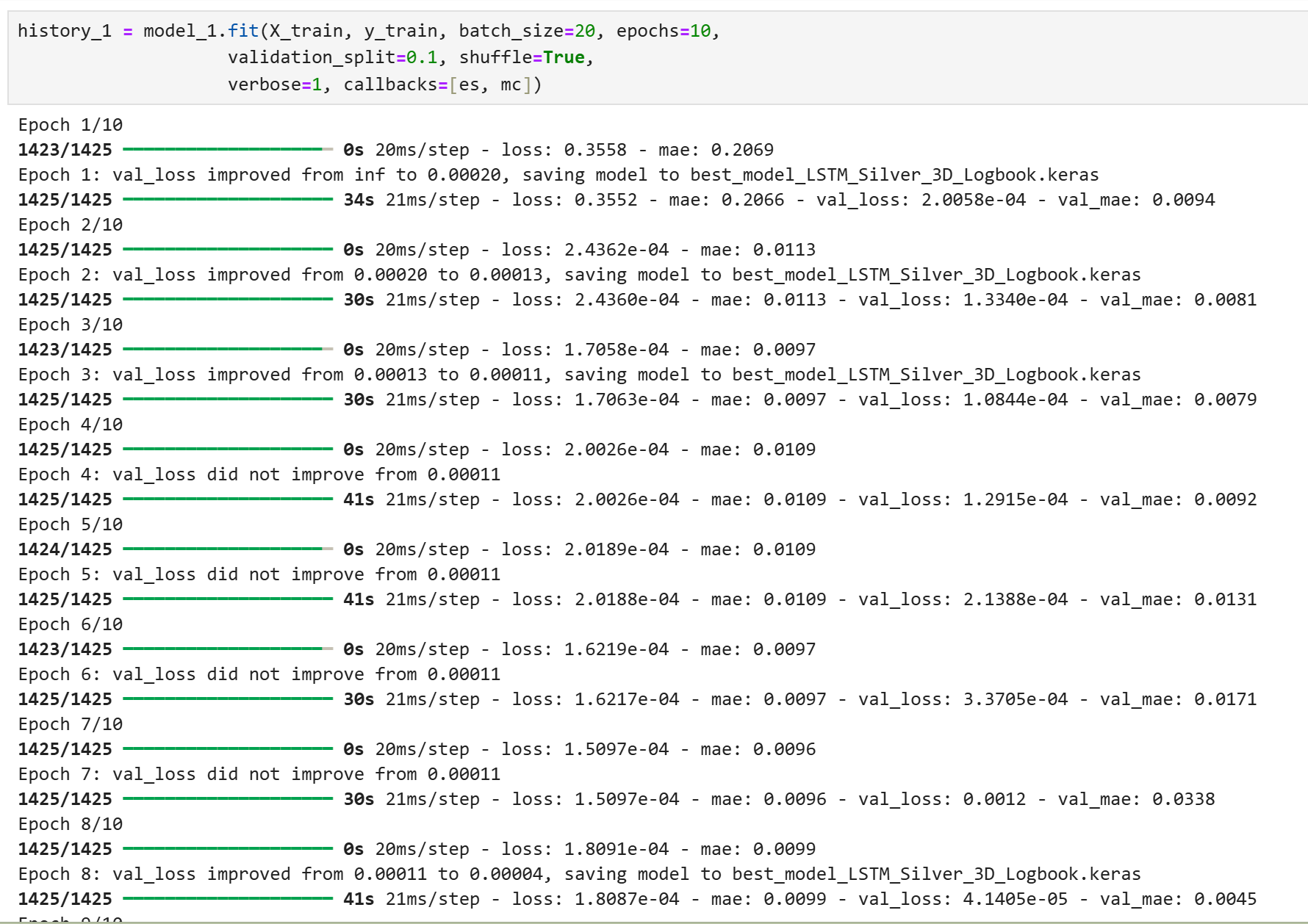


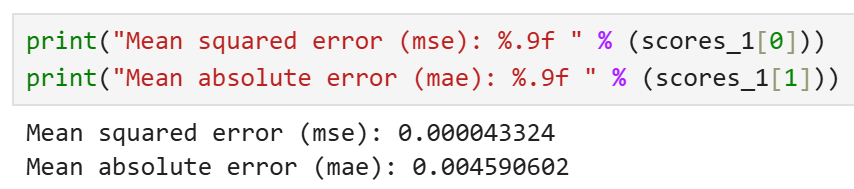
Epochs = 14

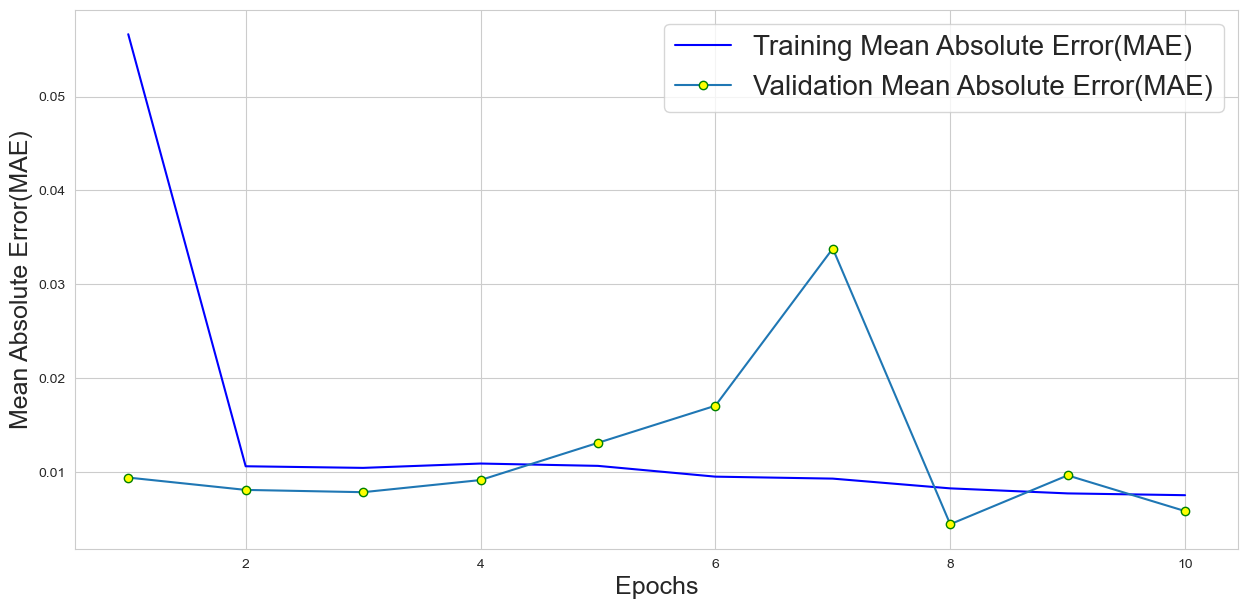
Lab 7

Lab 8









Lab 9

Lab 10

Lab 11

Lab 12