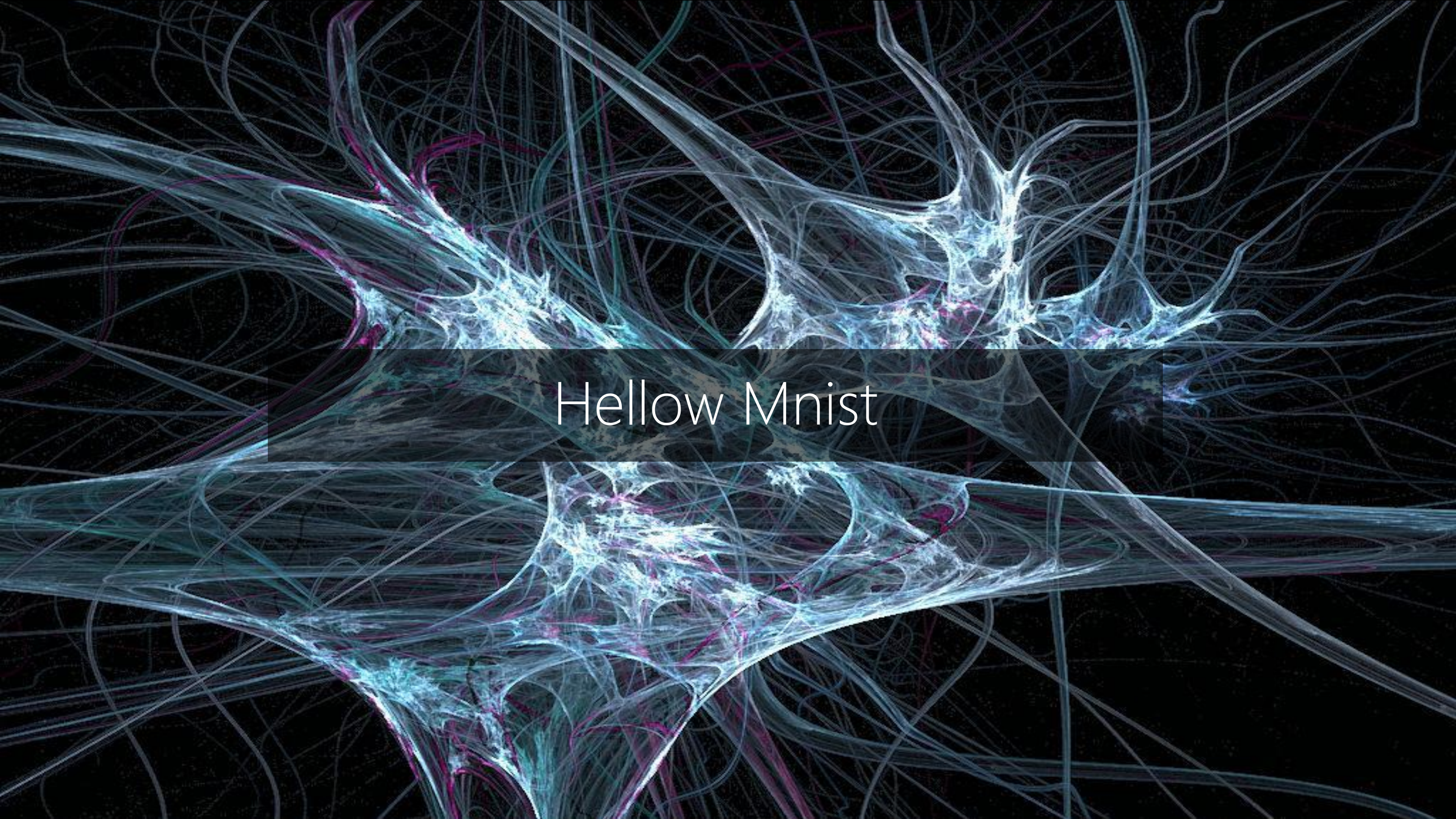

Hellow Mnist

實做案例位置

github

https://github.com/AllanYiin/DeepBelief_Course5_Examples

colab

https://drive.google.com/open?id=1eqUcOrs25s9tYR9lRj-hXwAb98mGJRs_

實做api安裝

pip install tridentx --upgrade

<hello-world />

```
net1=Sequential(
    Dense(64,use_bias=False,activation='leaky_relu'),
    Dense(32,use_bias=False,activation='leaky_relu'),
    Dense(16,use_bias=False,activation='leaky_relu'),
    Dense(2,use_bias=False,activation=None),
    Dense(10,use_bias=False,activation='softmax'))


model1=Model(input_shape=[28*28],output=net1)\
    .with_optimizer(optimizer='Ranger',lr=2e-4)\
    .with_loss(CrossEntropyLoss)\
    .with_metric(accuracy)


plan=TrainingPlan()\
    .add_training_item(model1)\
    .add_training_item(model2)\
    .add_training_item(model3)\
    .with_data_loader(dataset)\
    .within_minibatch_size(128)\
    .print_progress_scheduling(500,unit='batch')\
    .only_steps(num_steps=2500,collect_data_inteval=50,keep_weights_history=True,keep_gradient_history=True)
```


Q&A