



# Keras.Metrics

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主讲：龙良曲

# Keras != tf.keras

- datasets
  - layers
  - losses
  - metrics
- 



# Outline

- Metrics
- `update_state`
- `result().numpy()`
- `reset_states`



## Step1.Build a meter



```
acc_meter = metrics.Accuracy()  
loss_meter = metrics.Mean()
```

## Step2.Update data



```
loss_meter.update_state(loss)
```

```
acc_meter.update_state(y, pred)
```

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## Step3.Get Average data



```
print(step, 'loss:', loss_meter.result().numpy())  
...  
print(step, 'Evaluate Acc:', total_correct/total, acc_meter.result().numpy())
```

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# Clear buffer

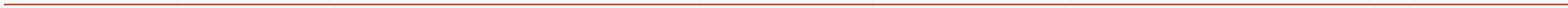


```
if step % 100 == 0:

    print(step, 'loss:', loss_meter.result().numpy())
    loss_meter.reset_states()

...
# evaluate
if step % 500 == 0:
    total, total_correct = 0., 0
    acc_meter.reset_states()
```

**JUST  
DO  
IT.**

The text "JUST DO IT." is rendered in a bold, black, sans-serif font. The letters are heavily textured with a splatter or ink-blot effect, giving them a gritty, dynamic appearance. The background is a light gray with a subtle, repeating diamond-shaped grid pattern. The overall composition is centered and minimalist.



下一课时

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Compile&Fit

**Thank You.**

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