



- ◆ python linux
- ◆ pytorch Tensorflow
- ◆ CNN RNN Transformer BERT YOLO Faster RCNN

- ◆
- ◆ LORA QLORA P-tuning
- ◆ Vscode Pycharm git
- ◆ opencv transformers
- ◆ Excel PPT Word

pytorch + Huggingface + fairseq + pandas +
1 pipeline

	" [cls]	[sep]	[sep]	[sep]"	" [cls]	[sep]	[sep]
[sep]"							
finetune 2				huggingface		" [cls]	
[sep]"						bert	
mask		mask					
1			finetune		0.793		0.818
2		finetune	bert-large		0.866	0.877	albert-large
0.887	0.891	roberta-large	0.868	0.876			

