

# Note for Semantics Image Segmentation

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## 1 Introduction

### Machine Learning

	Commits	System	Written in	Developer	Release date
Scikit-learn	22753				
XGBoost / LightGBM / CatBoost	22753/1083/1509				
Eli5	922				

### Deep Learning

	Commits	System	Written in	Developer	Release date
Tensorflow	33339	Cross-platform software	Python, C++, CUDA	Google Brain Team	2015
PyTorch	11306	Python, C++, CUDA		Adam Paszke	2016
Keras	4539	Cross-platform software	Python	François Chollet	2015
Torch		Lua, C, CUDA, C++		Ronan Collobert	2002
OpenNN		C++			
Caffe		Linux, macOS, Windows	C++		2017
Weka		Windows, OS X, Linux	Java		2018

### Distributed Deep Learning

	Commits	System	Written in	Developer	Release date
Dist-keras	1125				
elephas	170				
spark	67				

### Natural Language Processing

	Commits	System	Written in	Developer	Release date
NLTK	13041				
SpaCy	8623				
Gensim	3603				

## References

- [1] <https://activewizards.com/blog/top-20-python-libraries-for-data-science-in-2018/>