Importance of dataset for learning algorithms

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- Machine learning basics
- 2 Popular ML tasks and their dataset
- 3 Specific problem of dataset for NLP tasks
- Data efficiency
 - Model pre-training
 - Semi supervision

Machine learning Supervised learning

Machine learning is a subfield of artificial intelligence.

Intuitively We want to learn from and make predictions on data.

Technically We want to build a model that approximate well (e.g. minimize a loss function) an unknown function.

To do this, we usually need a lot of data.