

1. Deep learning

Def techniques for machine learning in which hypothesis takes form of complex algebraic circuits with tunable connection strength.

Deep means that circuits organized into layers.

Neural networks models trained with deep learning.

1.1. Comparison to default regression algorithms

Linear and logistic regression features path to output is very short “ $f * \text{coef} \rightarrow \text{aggregation res}$ ”. The features contributes independently without interaction with each other.