

Machine Learning

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graph LR; ML[Machine Learning] --> UL[Unsupervised Learning]; ML --> SL[Supervised Learning]; ML --> RL[Reinforcement Learning]; UL --> C[Clustering]; UL --> DR[Dimension Reduction]; UL --> Dots1[...]; SL --> R[Regression]; SL --> CL[Classification]; SL --> Dots2[...]; RL --> SA[Single-Agent]; RL --> MA[Multi-Agent]; RL --> Dots3[...];
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Unsupervised Learning

Process and interpret data based only on the input

Clustering

Dimension Reduction

...

Supervised Learning

Develop models to map input and output data

Regression

Classification

...

Reinforcement Learning

Learn optimal control actions to maximize long-term reward

Single-Agent

Multi-Agent

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