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Progression of AI Architecture 4. Supervised Machine 8. Trust Experiments 1. Artificial Intelligence **6. Deep Neural Networks** Learning Dartmouth workshop and Improved supervised Hidden layers, higher Explainability, deep complexity, resource needs fakes, and perception competitive game playing learning: SVM classifier, algorithms. [1] regression, clustering [3] and performance [5, 6] interrogation early 2000s late 2000s 2010s today 2. Al winter 3. Neural Networks 7. Adversarial Networks 5. Unsupervised Machine Learning Two DNNs discover and Lack of progress, Convolutional neural defunding networks for early Embedding, exploit weakness for best dimensionality reduction, computer vision [2] model [7, 8] feature discovery [4]





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