

# DEEP LEARNING



**GRADIENT DESCENT**

**ARTIFICIAL NEURAL NETWORKS**

**OVERFITTING AND CROSS-VALIDATION**

**REGULARIZATION**

**METAPARAMETERS**

**MODEL PERFORMANCE**

**WEIGHTS**

**AUTOENCODER**

**CONVECTIONAL NEURAL NETWORKS**

**TRANSFER LEARNING**

**GENERATIVE ADVERSARIAL NETWORKS**

**RECURRENT NEURAL NETWORKS**

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