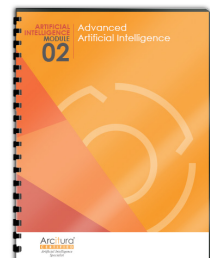


# Artificial Intelligence Systems Practices and Design Patterns Mapping Reference Matrix

	Baseline Modeling	Content Filtering	Dimensionality Reduction	Feature Encoding	Feature Imutation	Feature Scaling	Frequent Model Retraining	Image Recognition	Overfitting Avoidance	Pattern Identification	Prediction Performance Evaluation	Sequence Identification	Supervised Network Configuration	Text Representation	Training Performance Evaluation	Transfer Learning
Continues Learning	X							X		X				X		
Heuristic Learning																
Reinforement Learning	X		X							X				X		
Semi-Supervised Learning	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Supervised Learning	X		X	X	X	X	X	X		X	X	X	X	X	X	X
Unsupervised Learning	X	X	X	X	X	X		X	X	X			X	X	X	X
Computer Vision	X		X	X	X	X	X	X		X		X		X		X
Fault Tolerance Model Intergration	X									X				X		
Frictionless Intergration	X									X				X		
Natural Language Processing	X		X					X		X		X	X	X		
Natural Language Understanding	X		X					X		X		X	X	X		
Pattern Recognition	X	X	X	X	X	X		X	X	X		X		X		X
Robotics	X		X	X	X	X	X	X		X		X		X		X
Speech Recognition	X		X					X		X		X	X	X		



Module 2: Advanced Artificial Intelligence Official Supplement



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