

## Lifecycle

Pre-Training

Adaptation

Evaluation

Architecture

Supervised  
Pre-Training

Unsupervised  
Pre-Training

Task  
Adaptation

Domain  
Adaptation

Datasets

Library

Benchmark

Standard  
Pre-Training

Generative  
Learning

Catastrophic  
Forgetting

Statistics  
Matching

Domain  
Translation

Meta  
Learning

Contrastive  
Learning

Negative  
Transfer

Domain  
Adversarial

Semi-Supervised  
Learning

Casual  
Learning

Parameter  
Efficiency

Hypothesis  
Adversarial

Data  
Efficiency

## Core Problem & Method

## Learning Setup

Domain  
Generalization

OOD  
Generalization

Few-shot  
Learning

Zero-shot  
Learning

Prompt  
Learning