Domain Generalization for Object Recognition with Multi-task Autoencoders

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“Wisdom is more to be desired than gold”
The Problem of Domain Generalization

- Problem: neither labeled nor unlabeled data representing the target environment.
- Domain generalization reduces domain mismatch by leveraging useful knowledge from one or multiple source domains.
Multi-task Autoencoders

- A feature learning algorithm based on autoencoders and multi-task learning.