### PyKale provides accessible machine learning from

#### multiple data sources for interdisciplinary research,

## particularly multimodal learning and transfer learning.

# **PyKale: Knowledge-Aware Machine Learning from Multiple Sources in Python**

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We reduce repetitions, reuse resources, and recycle models to build PyKale.



PyKale aims to make abundant ML software accessible for interdisciplinary research, even to non-programmers, and support data of multiple modalities under one roof.

Load	Preprocess	> Embed	Predict	Evaluate	Interpret	
Load digits	Standardize images	Learn CNN features	Predict digit class	Compute accuracy	Visualize patterns	



#### Pykale designed a unified pipeline-based API so that all ML workflows follow a standardized six-step pipeline.

