

# Hands-On: XAI Tools Implementation



## SHAP Library

Python implementation: `shap.TreeExplainer`,  
`shap.DeepExplainer`



## LIME Package

Text and image explainers: `lime.lime_text`,  
`lime.lime_image`



## Captum (PyTorch)

Integrated Gradients, GradCAM, and other  
attribution methods



## Practice Exercise

Implementing explanations for medical image  
classification