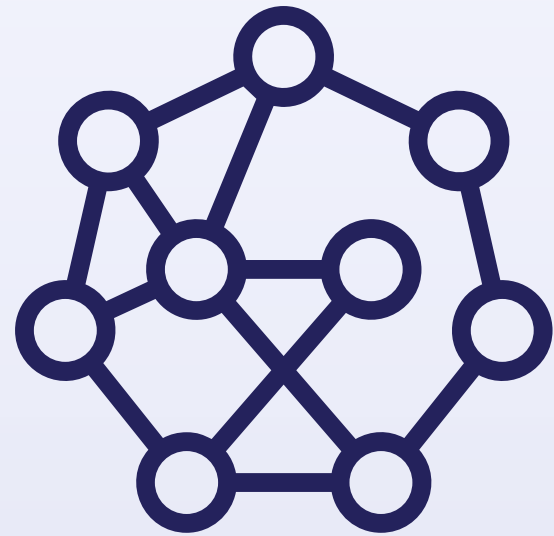


Google-DGC METU

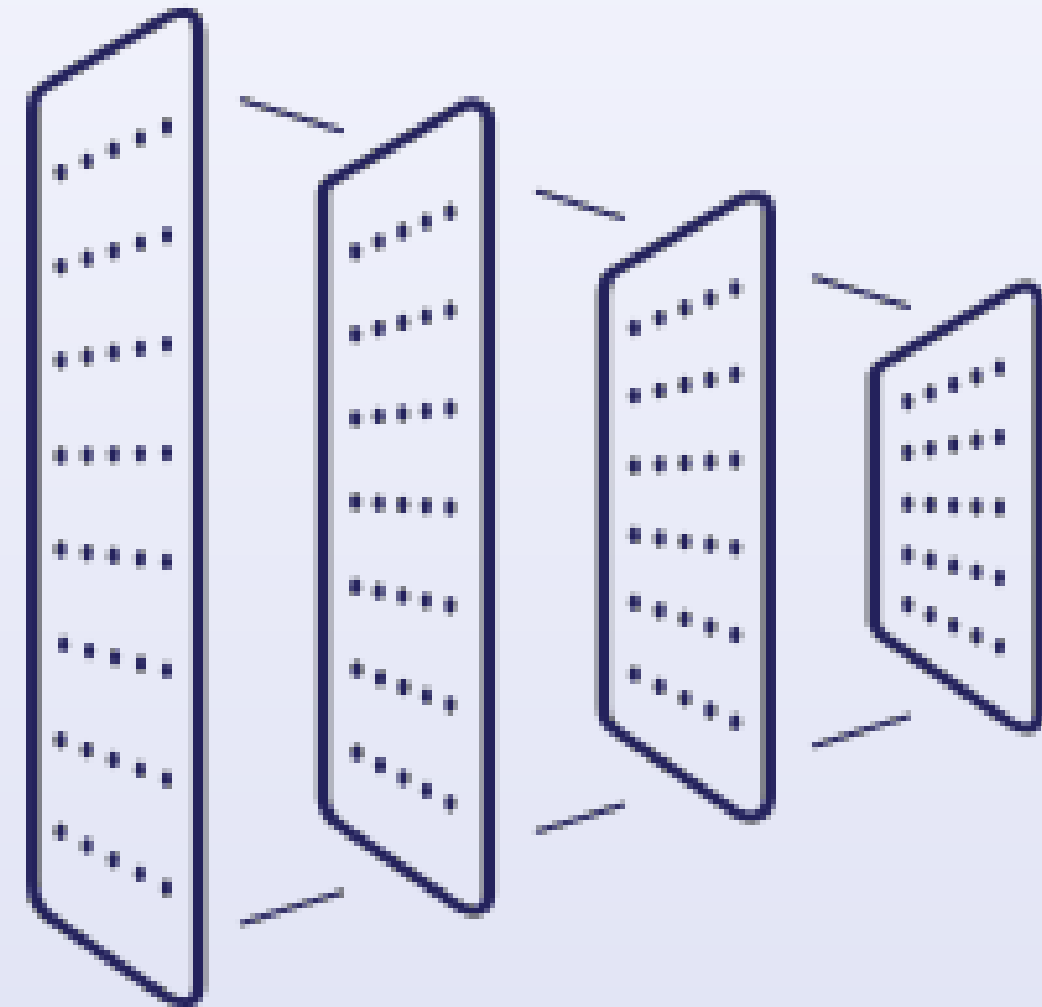
CNNs and Transfer Learning

Presented by AI/ML Team



Week-6

- CNNs
- Transfer learning

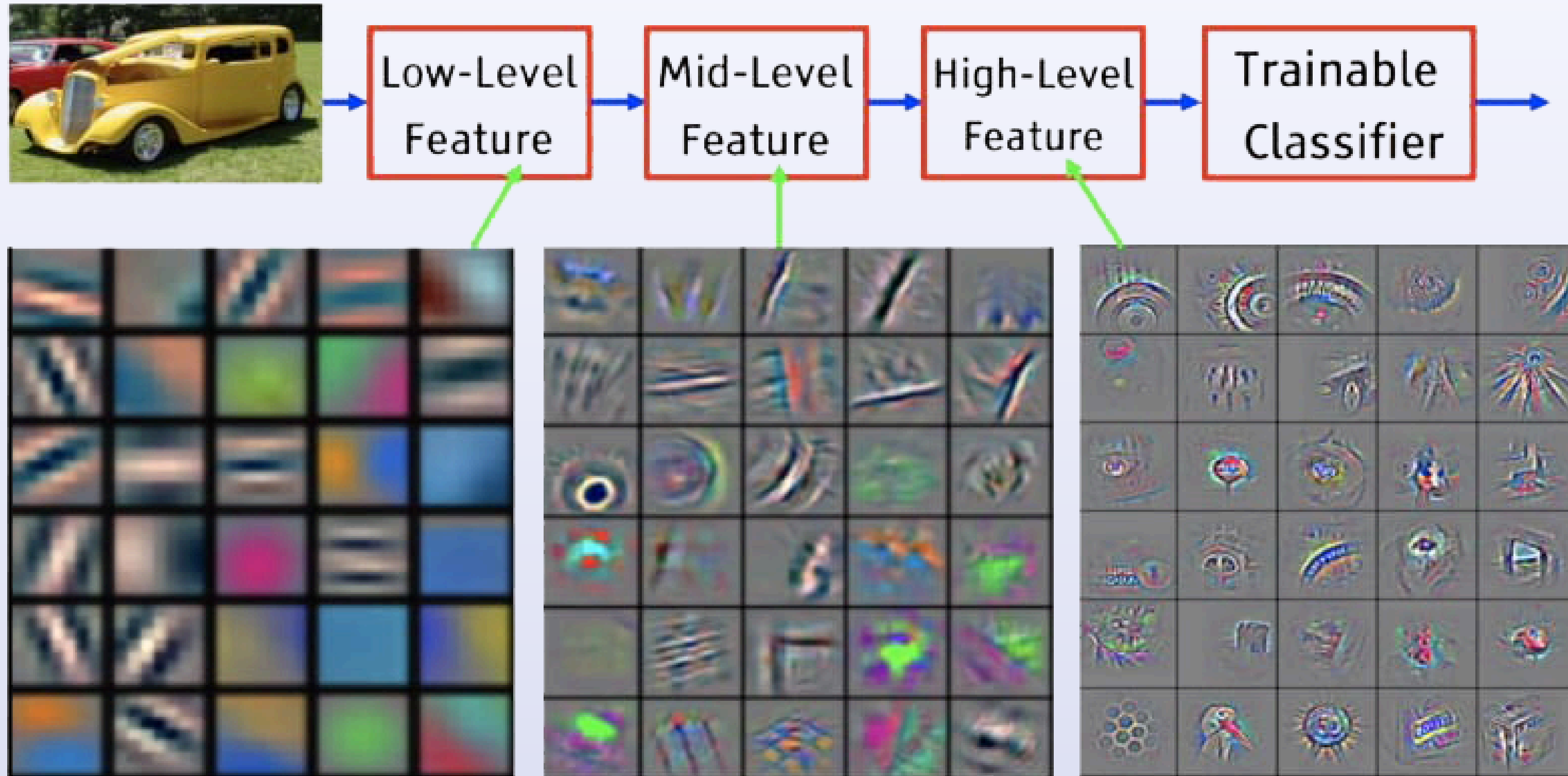


Convolutional Neural Networks (CNN)

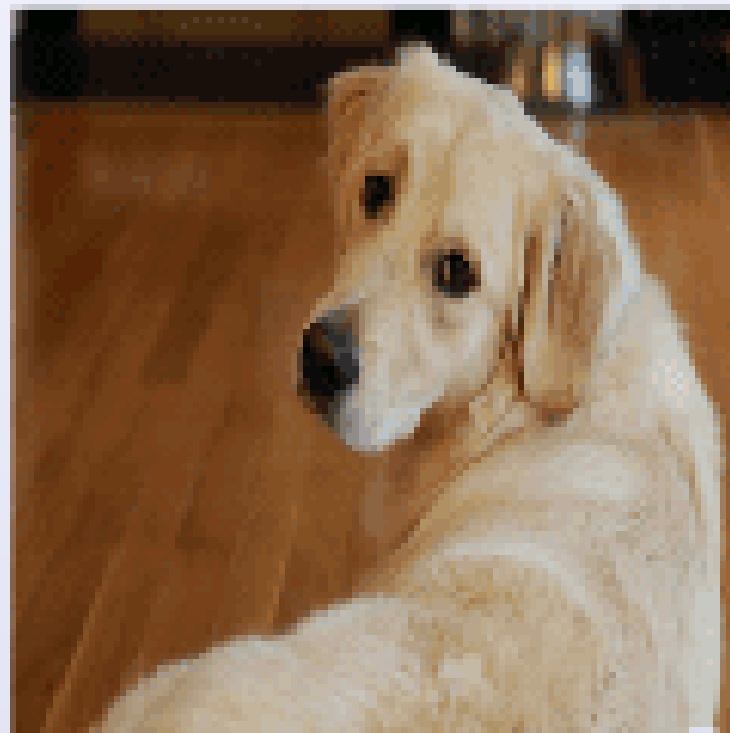
- **What is CNN?**
- **CNN Structure**
- **Deep vs Shallow Layers**



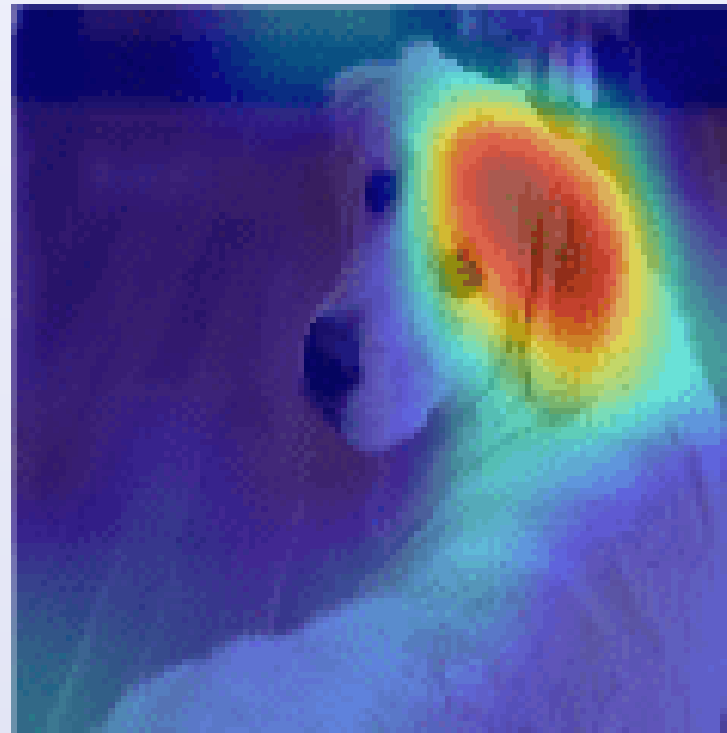
CNN Structure



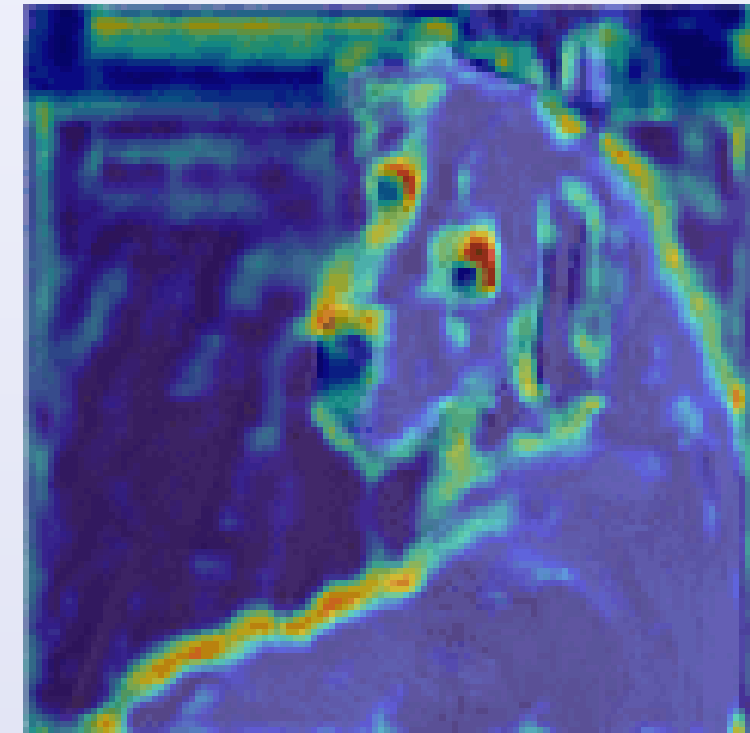
Deep vs Shallow Layers

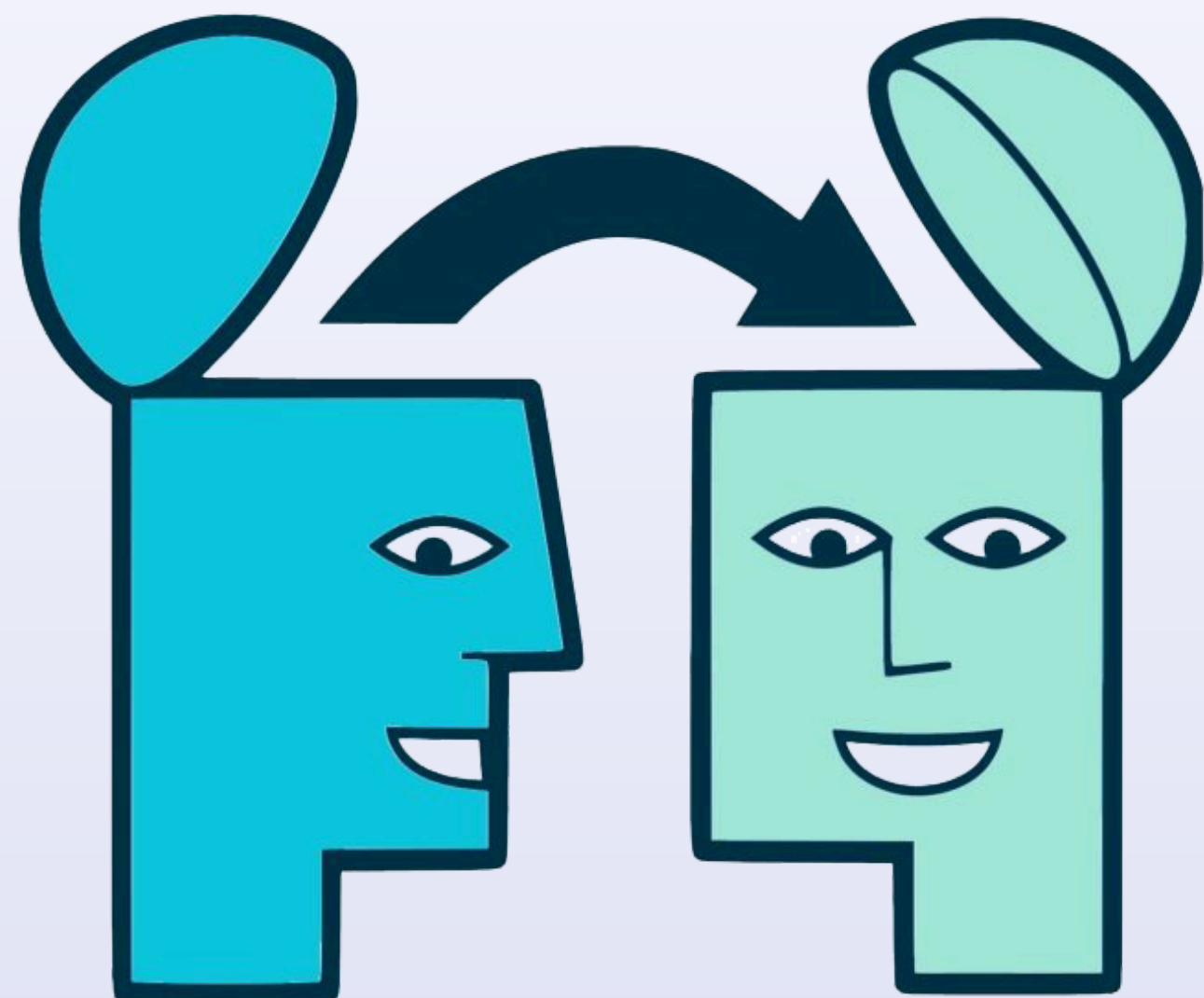


Deep Layer



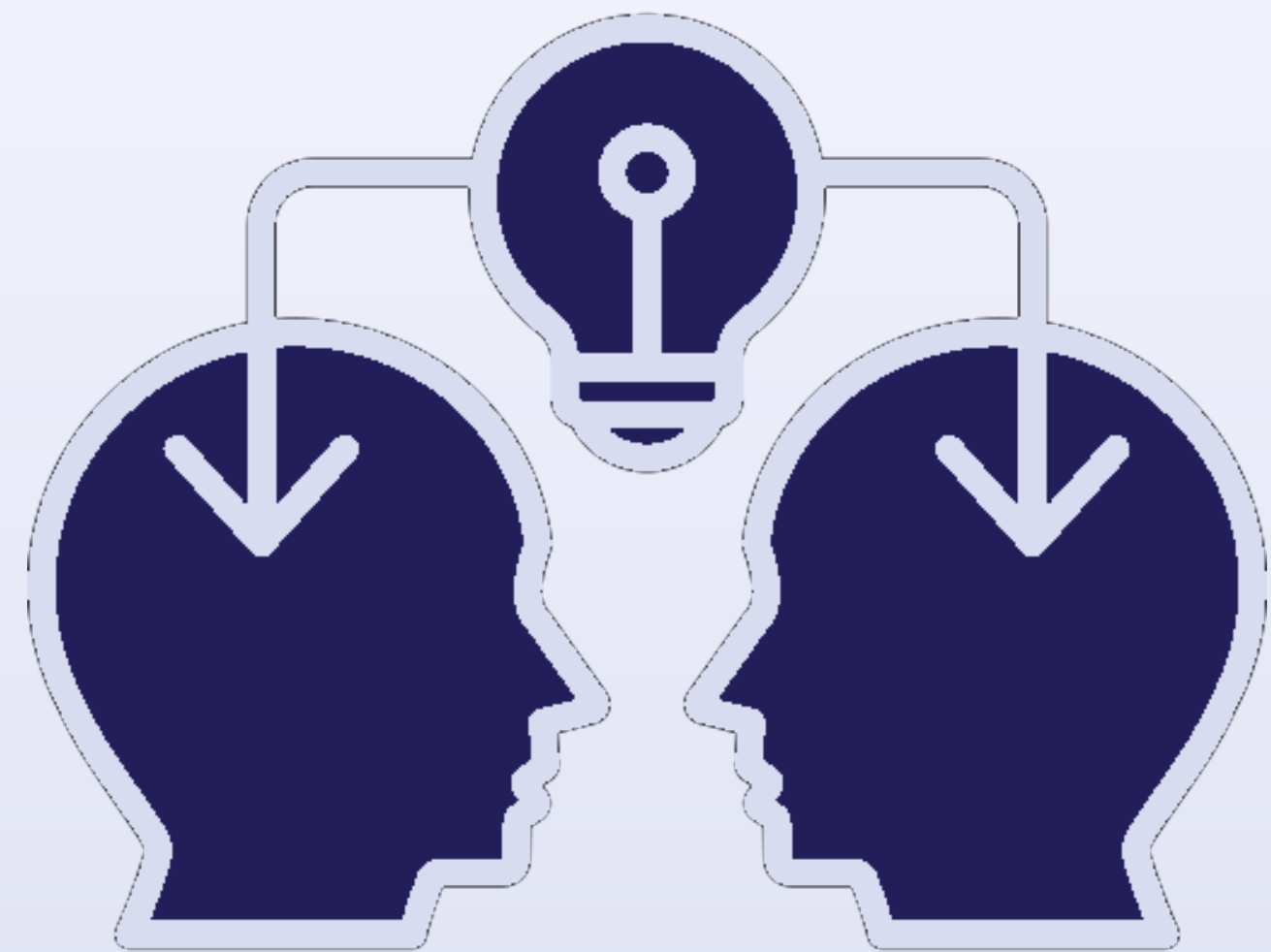
Shallow Layer





Transfer Learning

- **What is Transfer Learning?**
- **TL for Image Classification**



Pre-trained model samples for image classification

