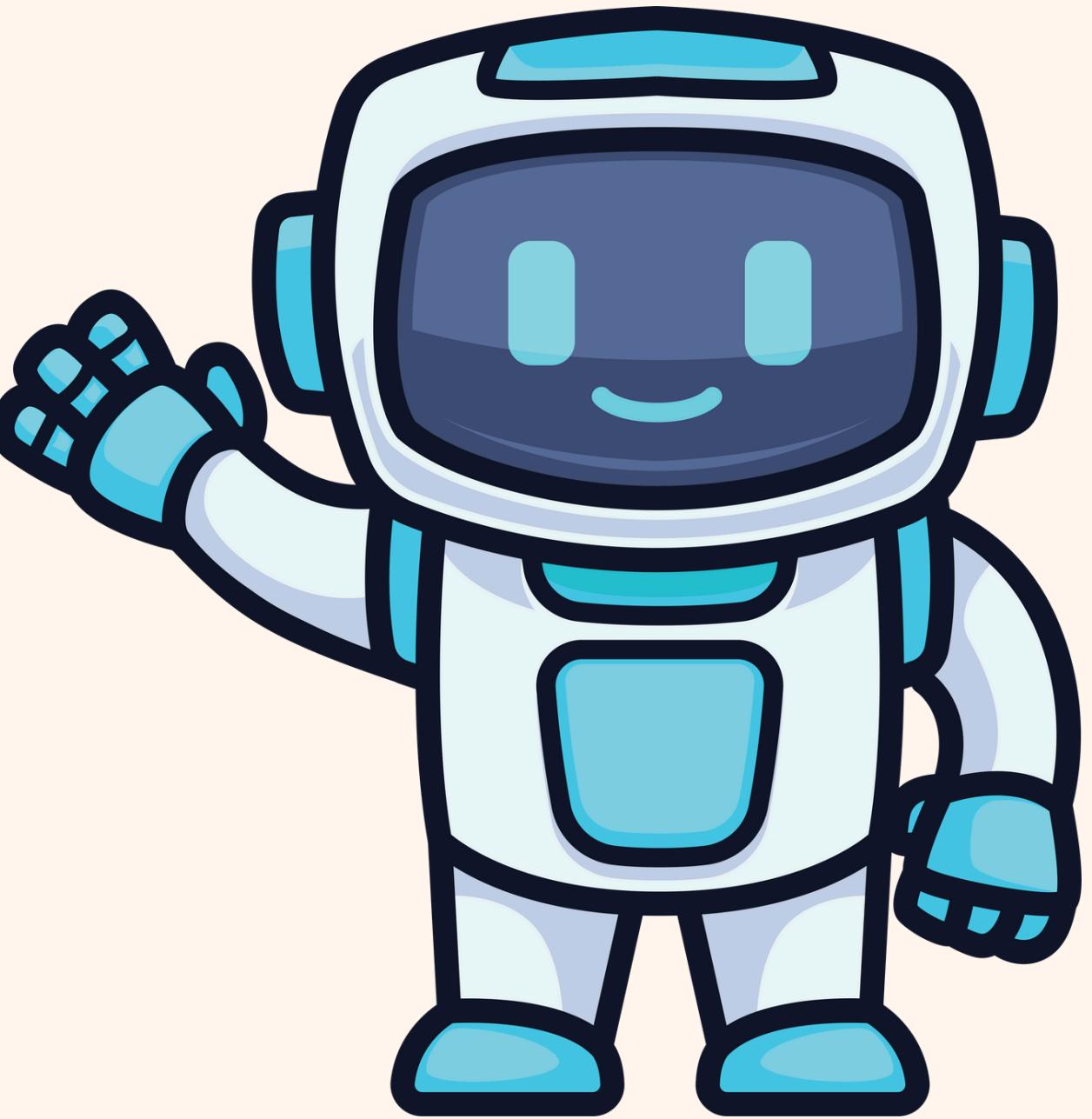
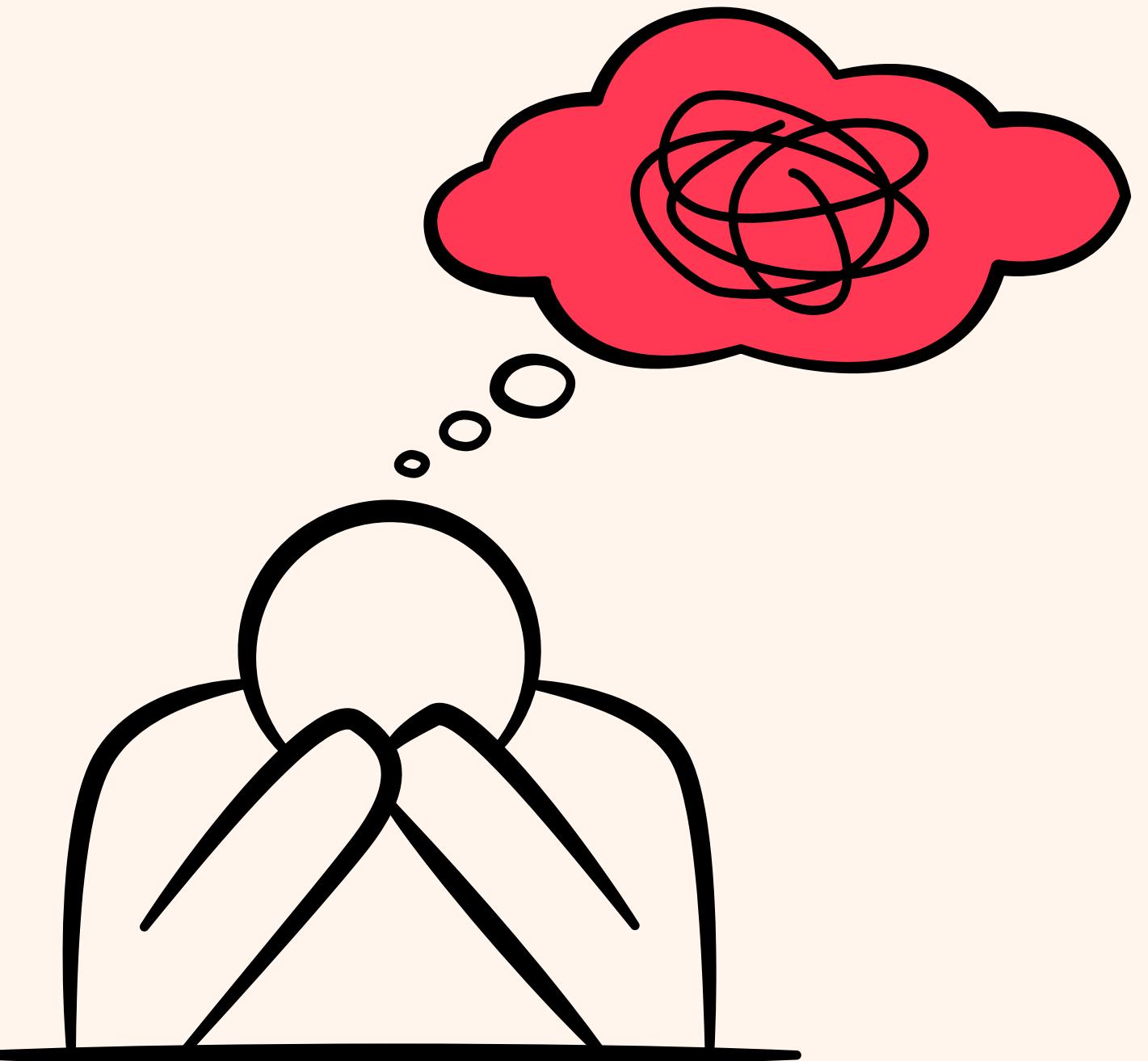


VisionX

LUNG DISEASE CLASSIFICATION



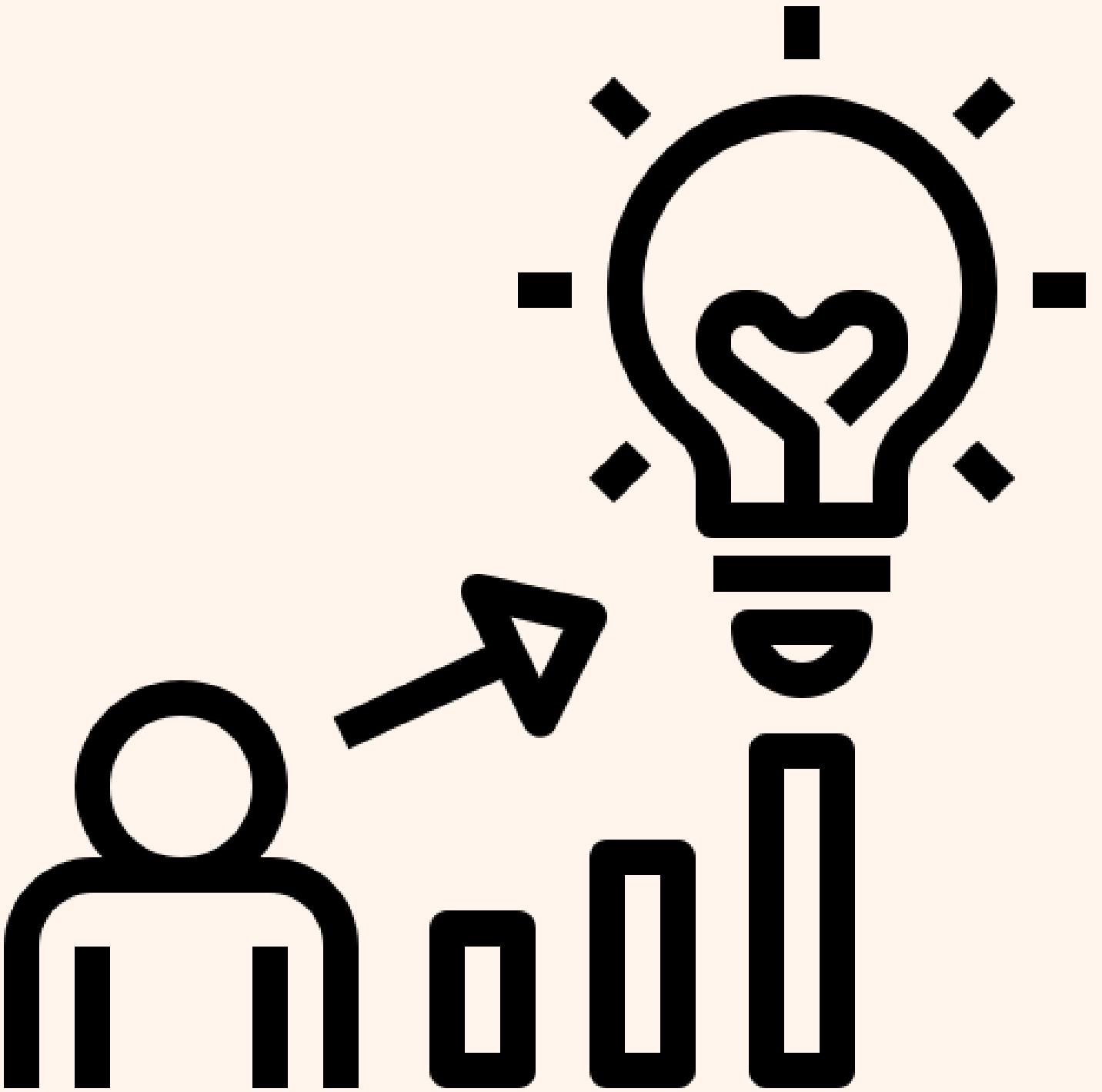
PROBLEM



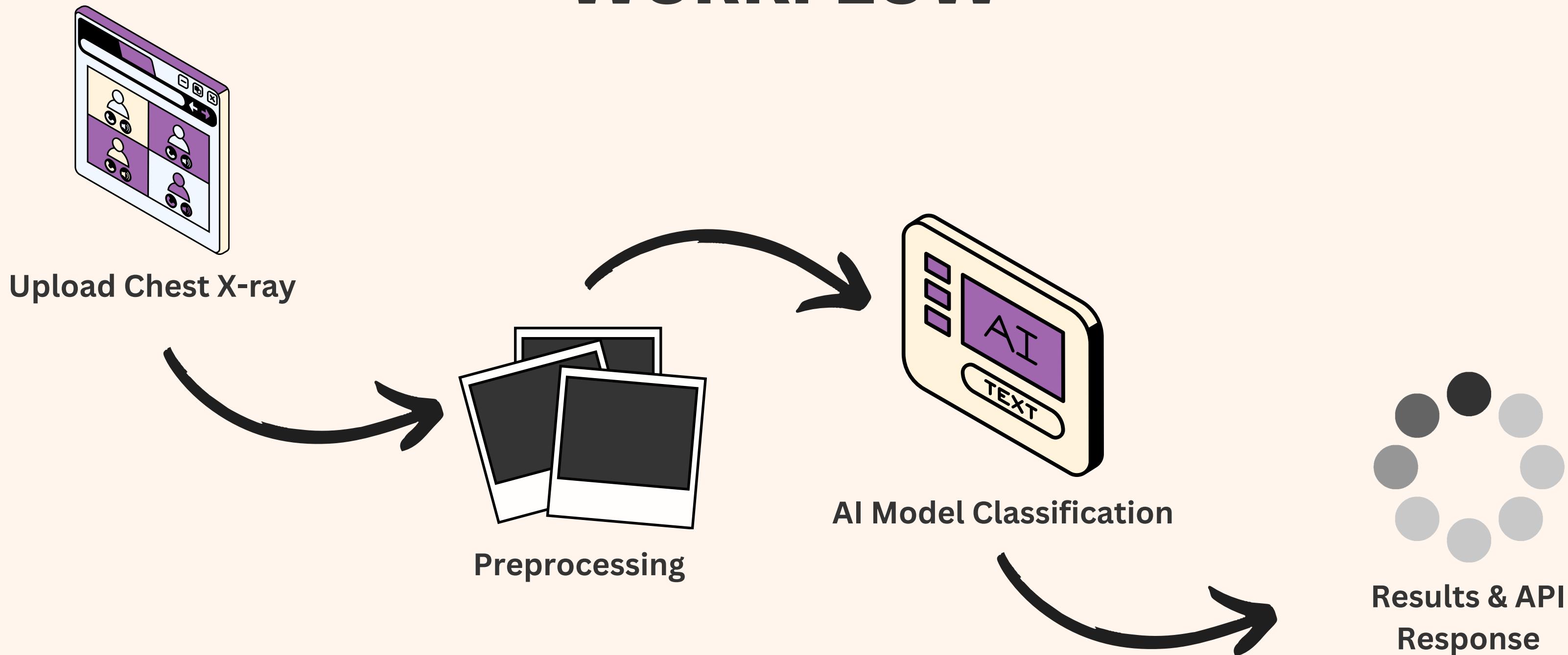
SOLUTION



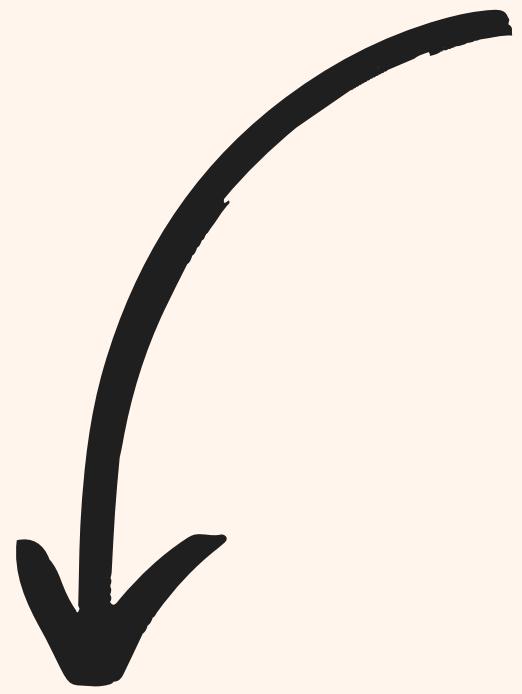
APPROACH



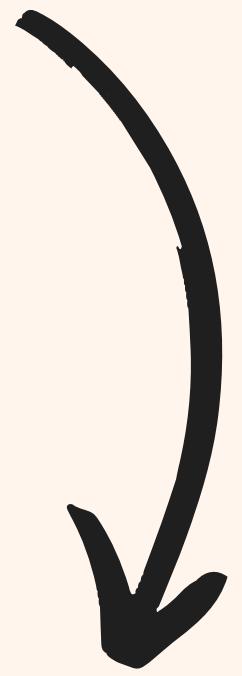
PROJECT WORKFLOW



AI-MODELS



YOLO

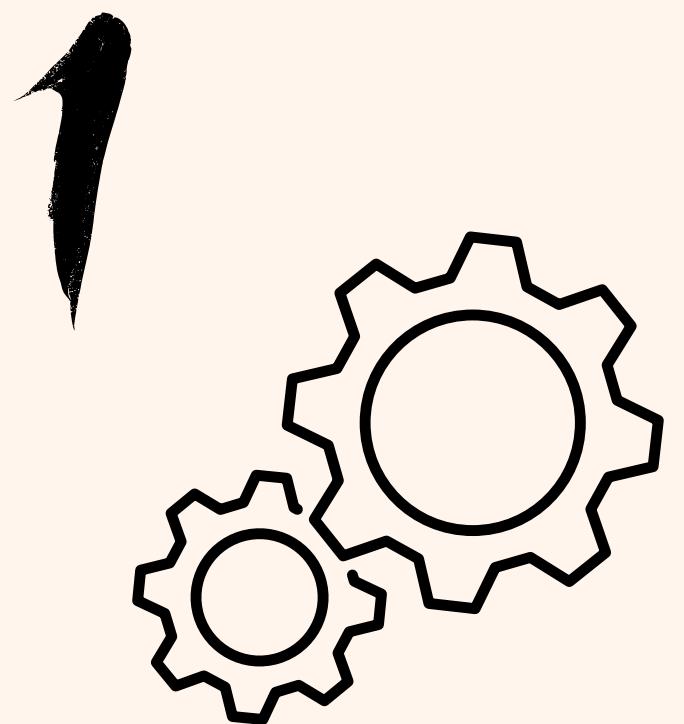


ResNet101V2

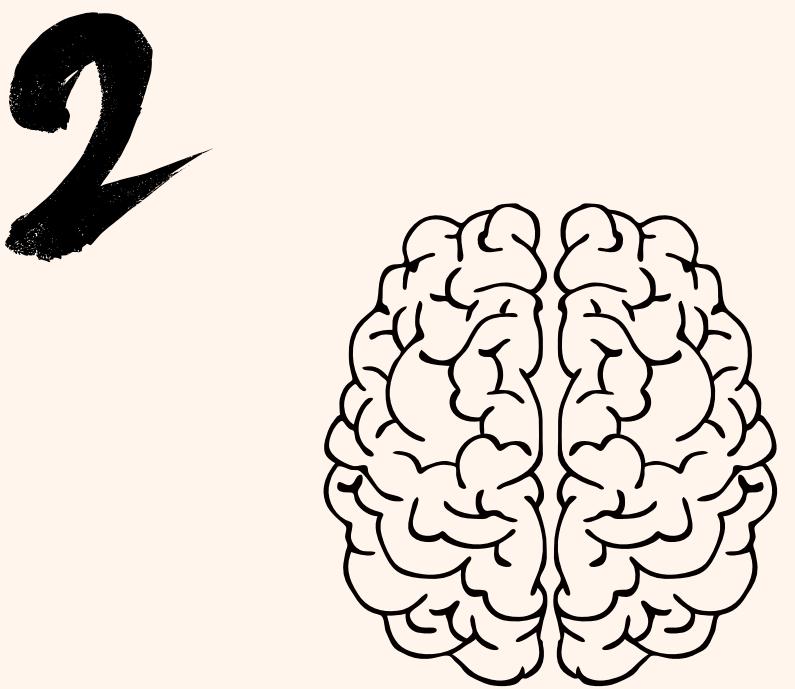


vgg-16

AI-MODEL TRAINING WORKFLOW



Preprocessing



Model



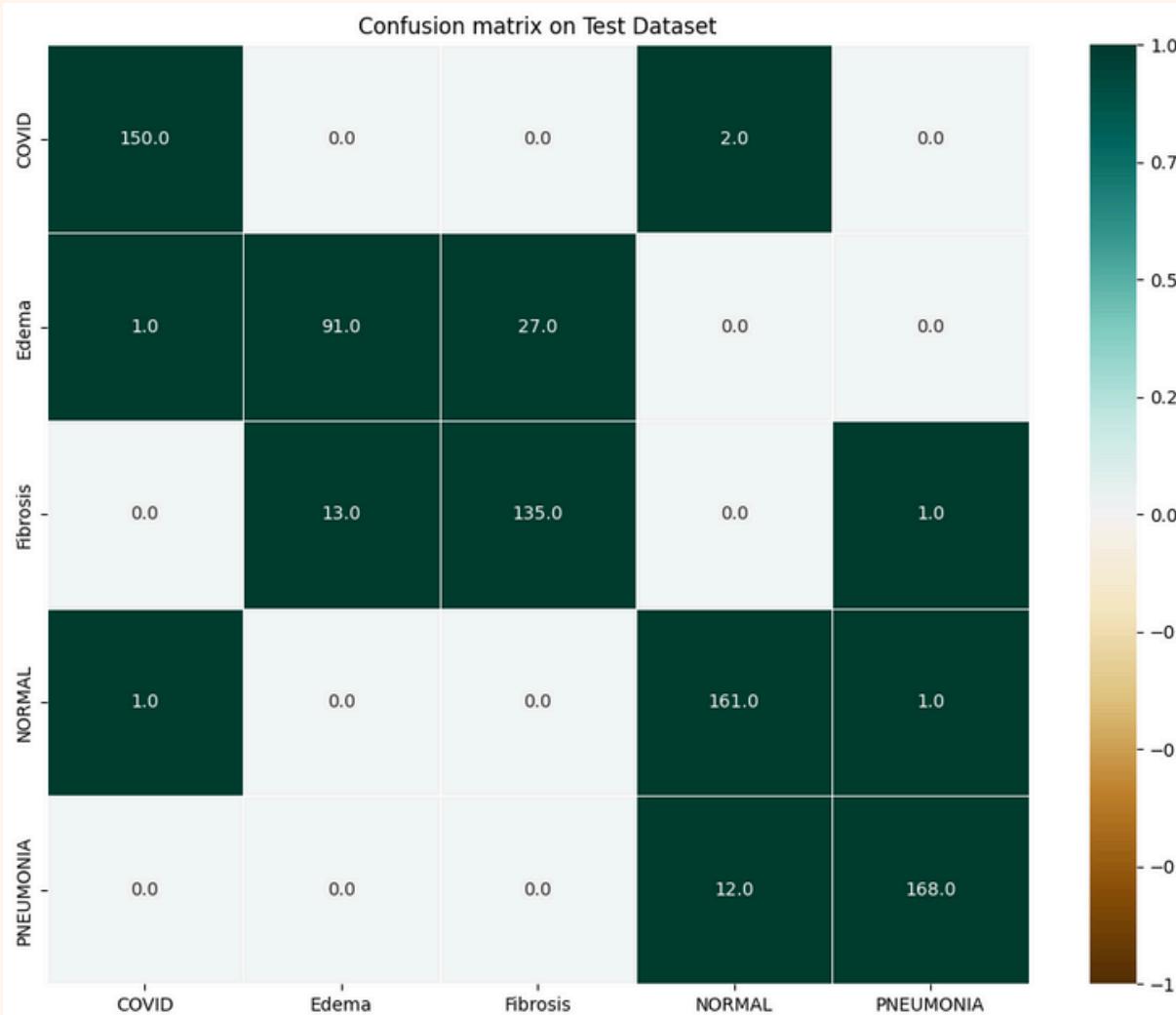
Evaluation

MODELS

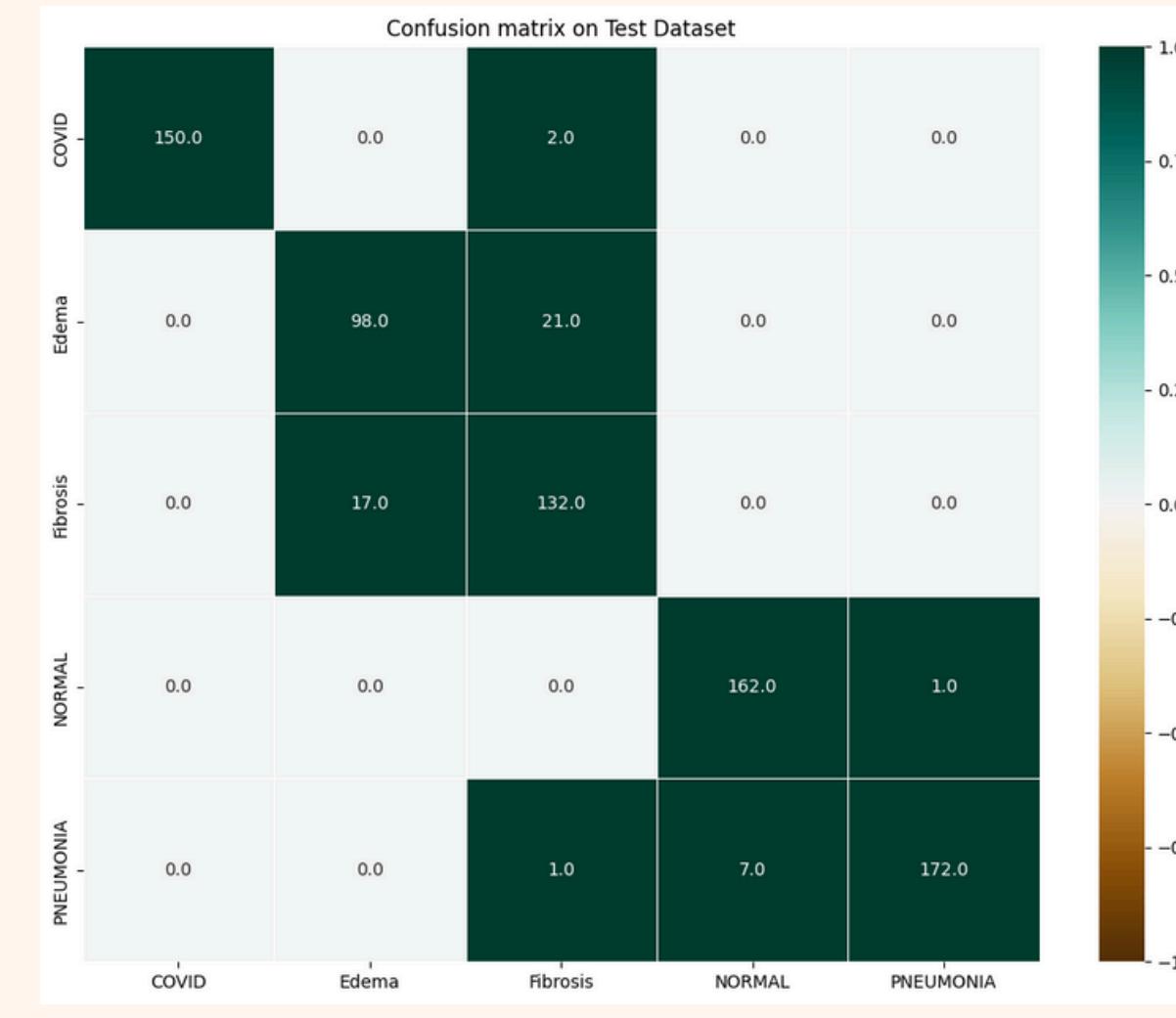
PERFORMANCE

- Near-Perfect Results

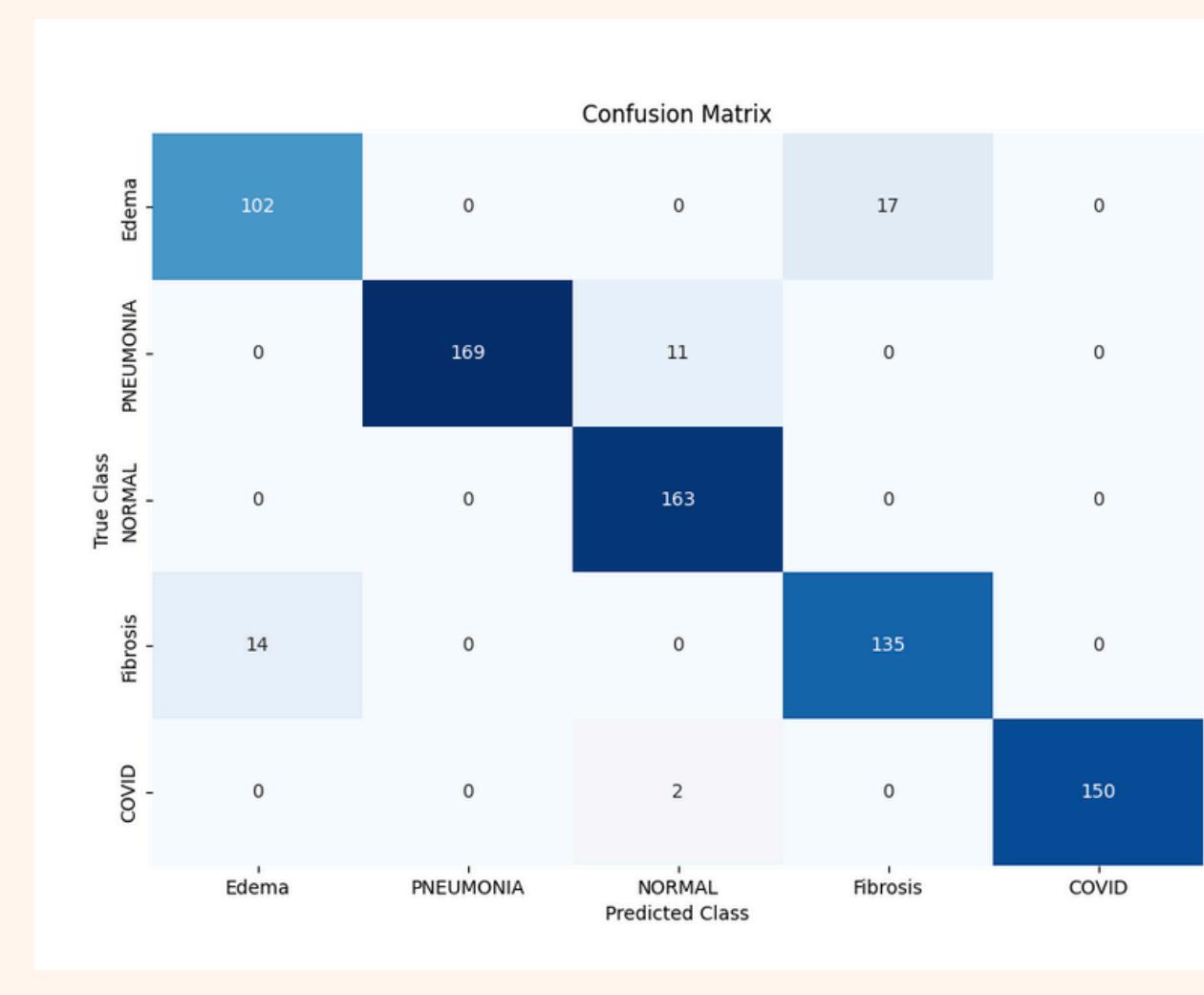
VGG16



ResNet101



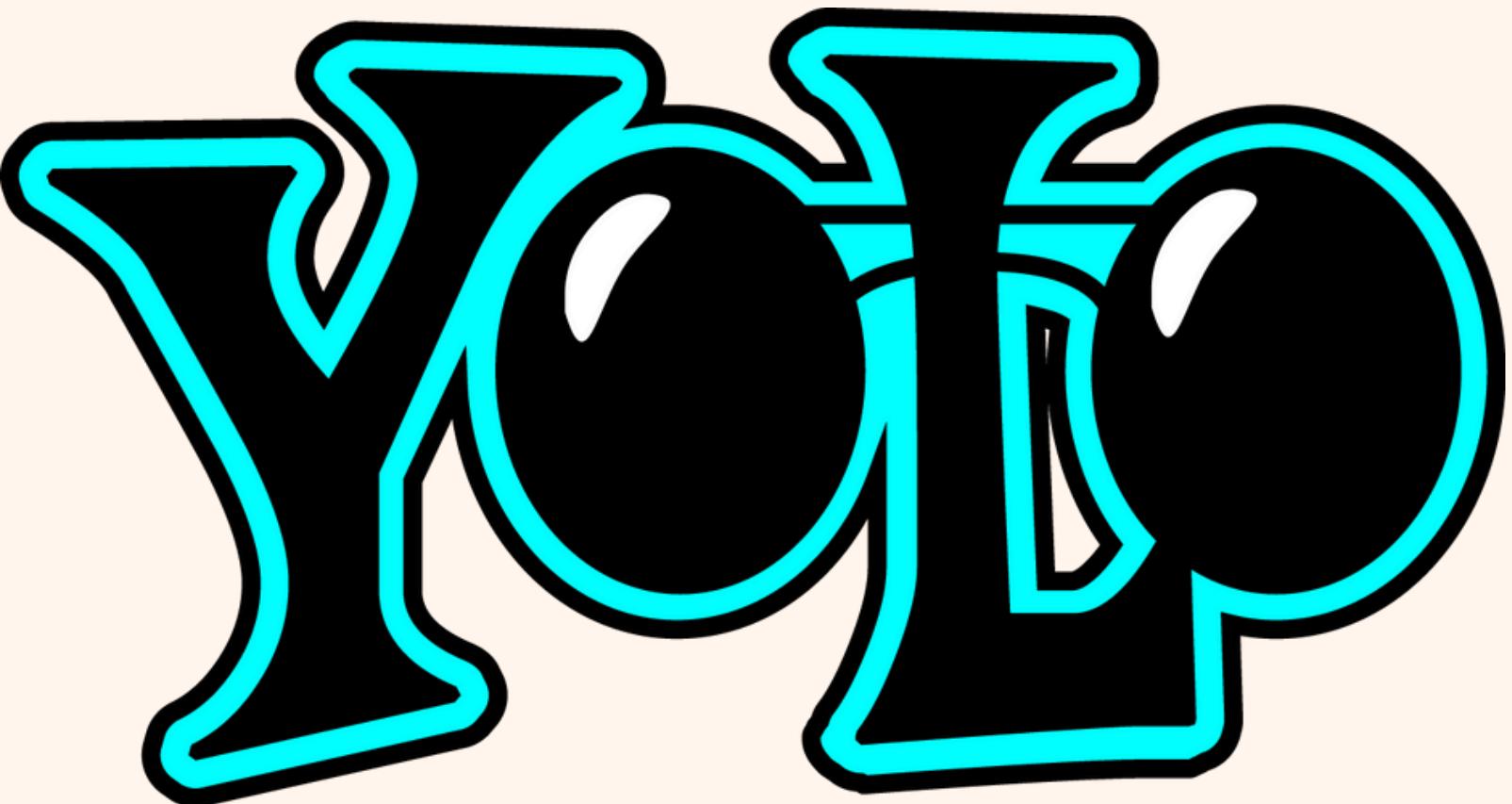
YOLO



Why YOLO?

CHOOSING THE BEST MODEL

- Lightweight: Only 3 MB
- Fast and Efficient
- Easy to Implement
- Best accuracy
- Best confusion matrix



Why?

1. it's Lightweight
2. Ease of Integrating With Ai Models



QUESTIONS & ANSWERS