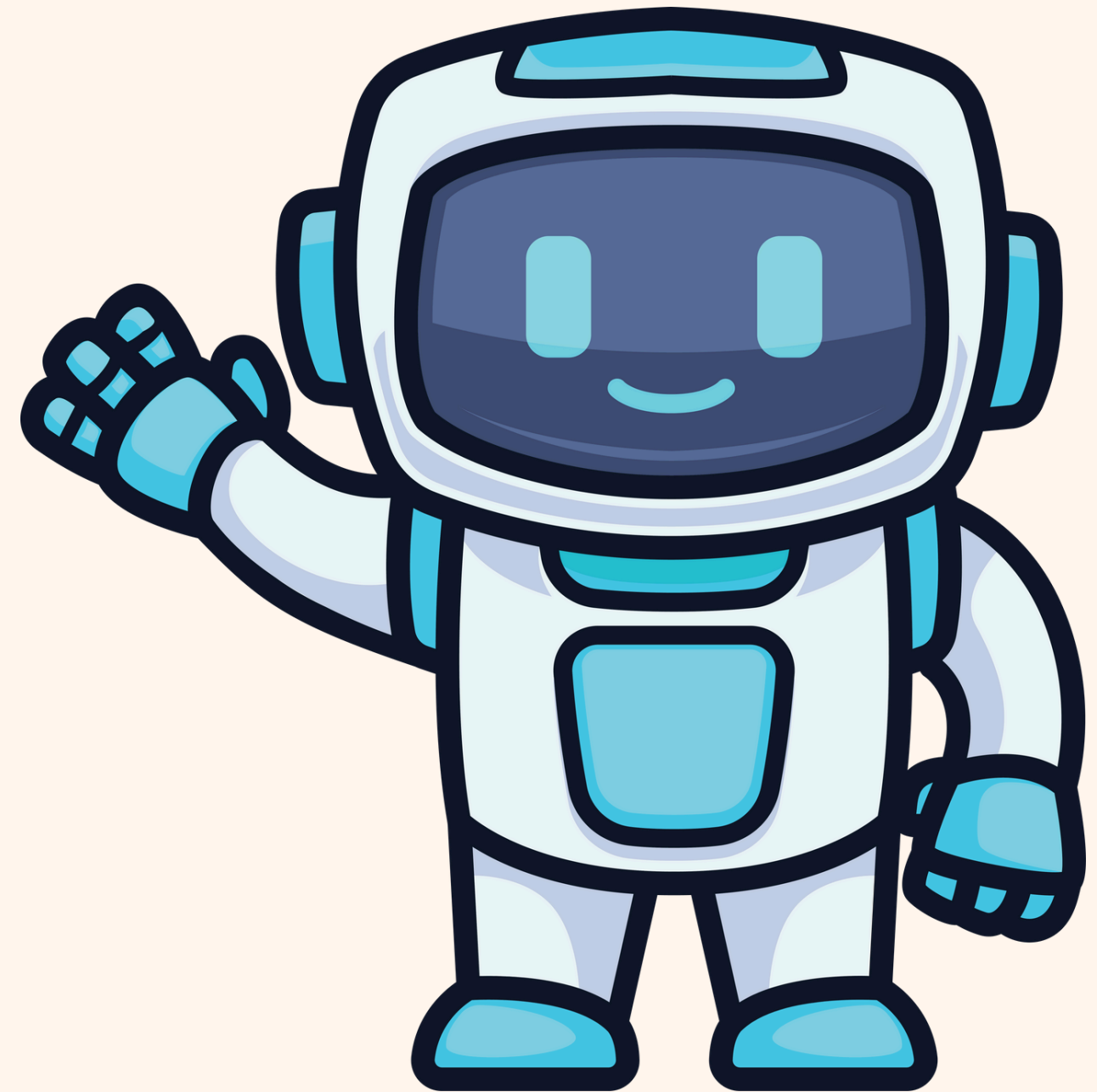
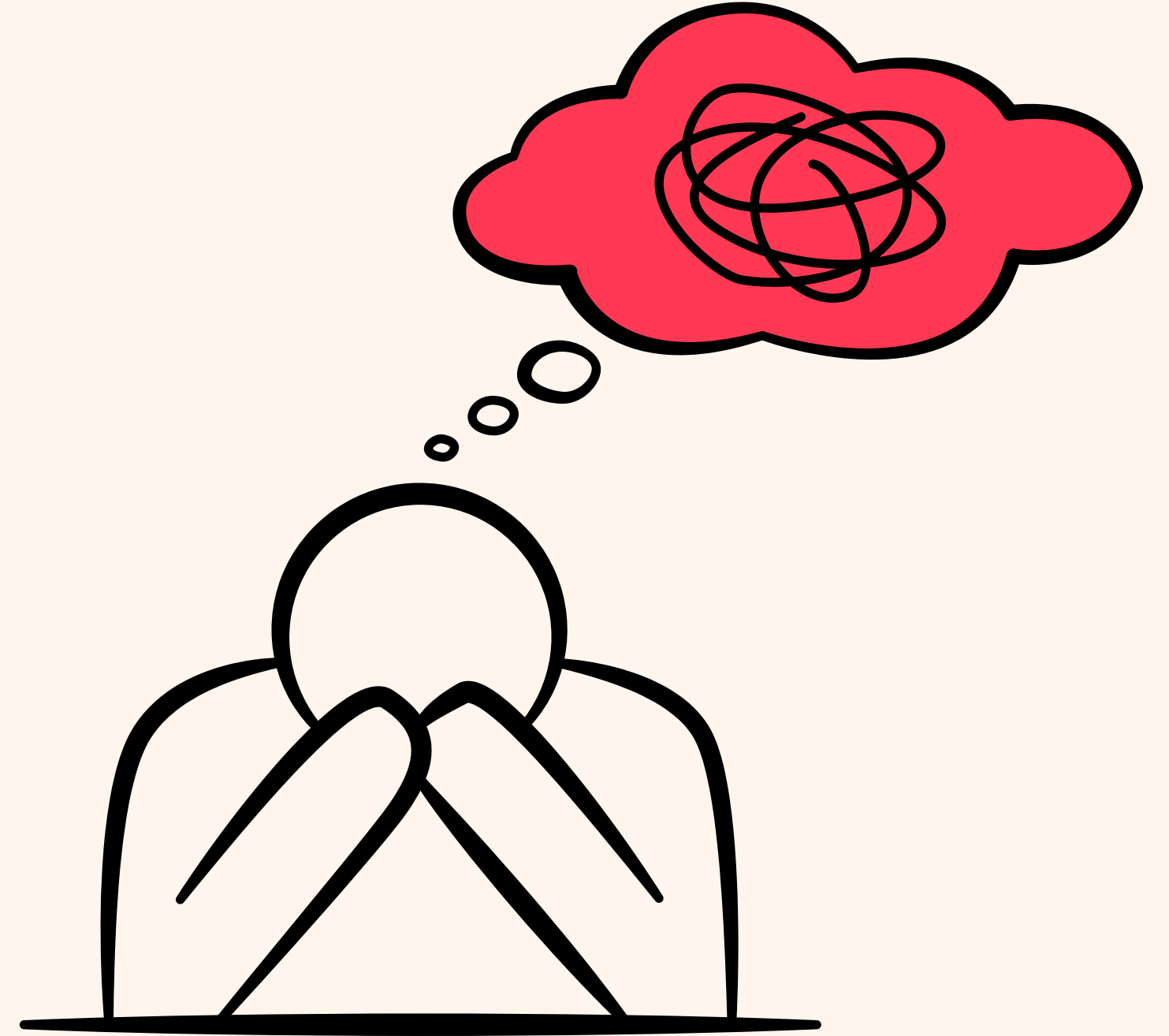


VisionX

LUNG DISEASE CLASSIFICATION



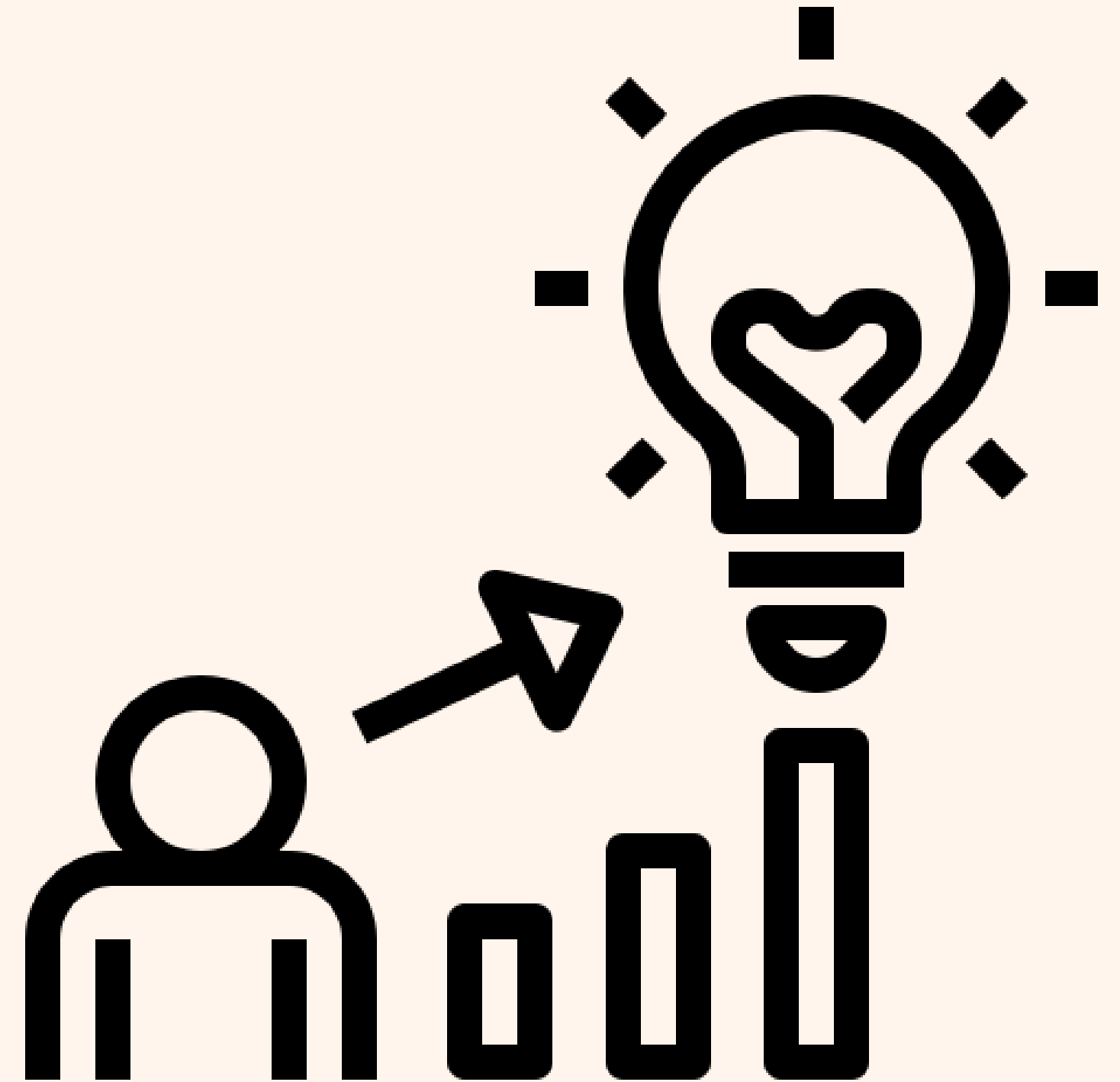
PROBLEM



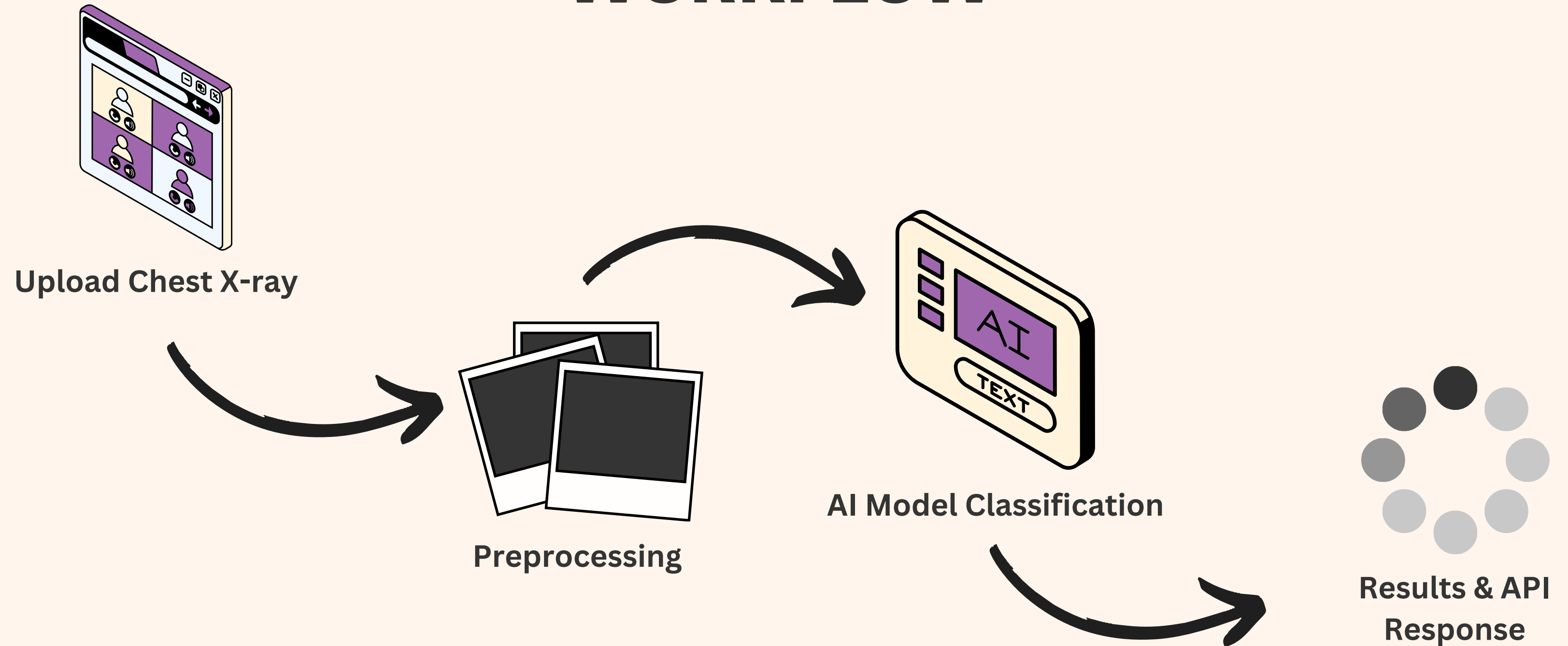
SOLUTION



APPROACH



PROJECT WORKFLOW



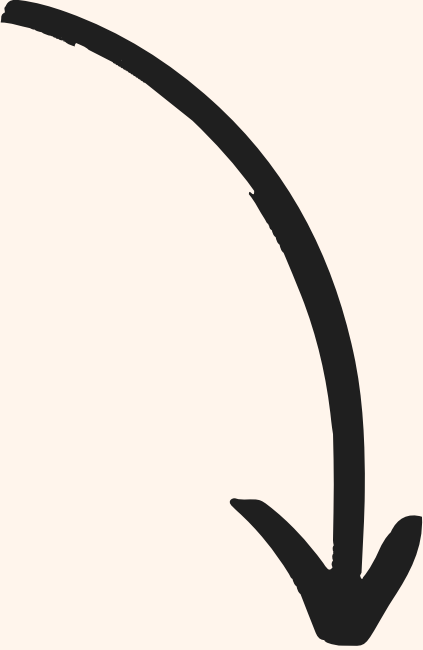
AI-MODELS



YOLO



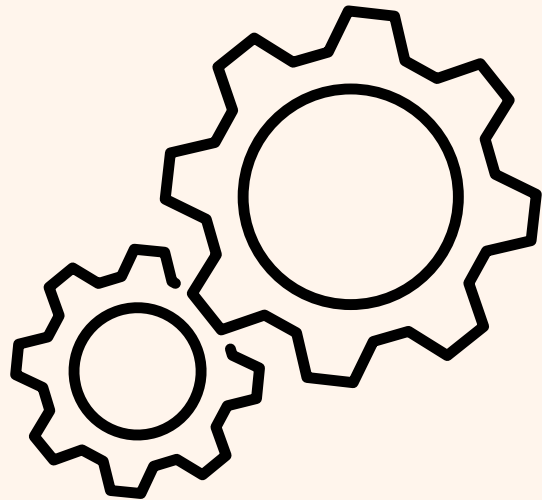
ResNet101V2



vgg-16

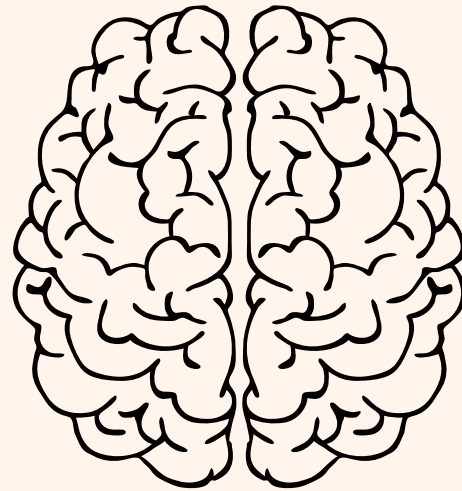
AI-MODEL TRAINING WORKFLOW

1



Preprocessing

2



Model

3



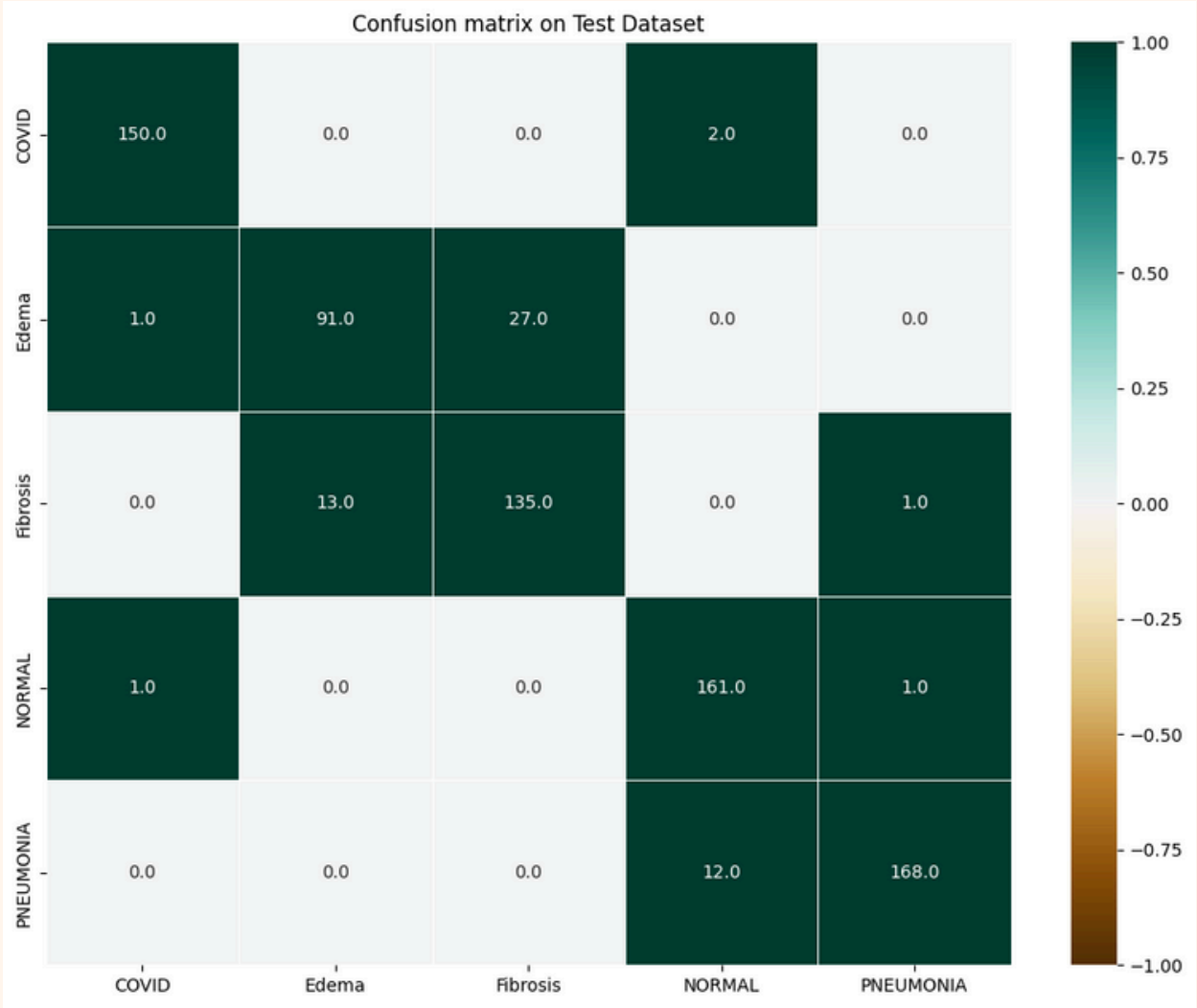
Evaluation

MODELS

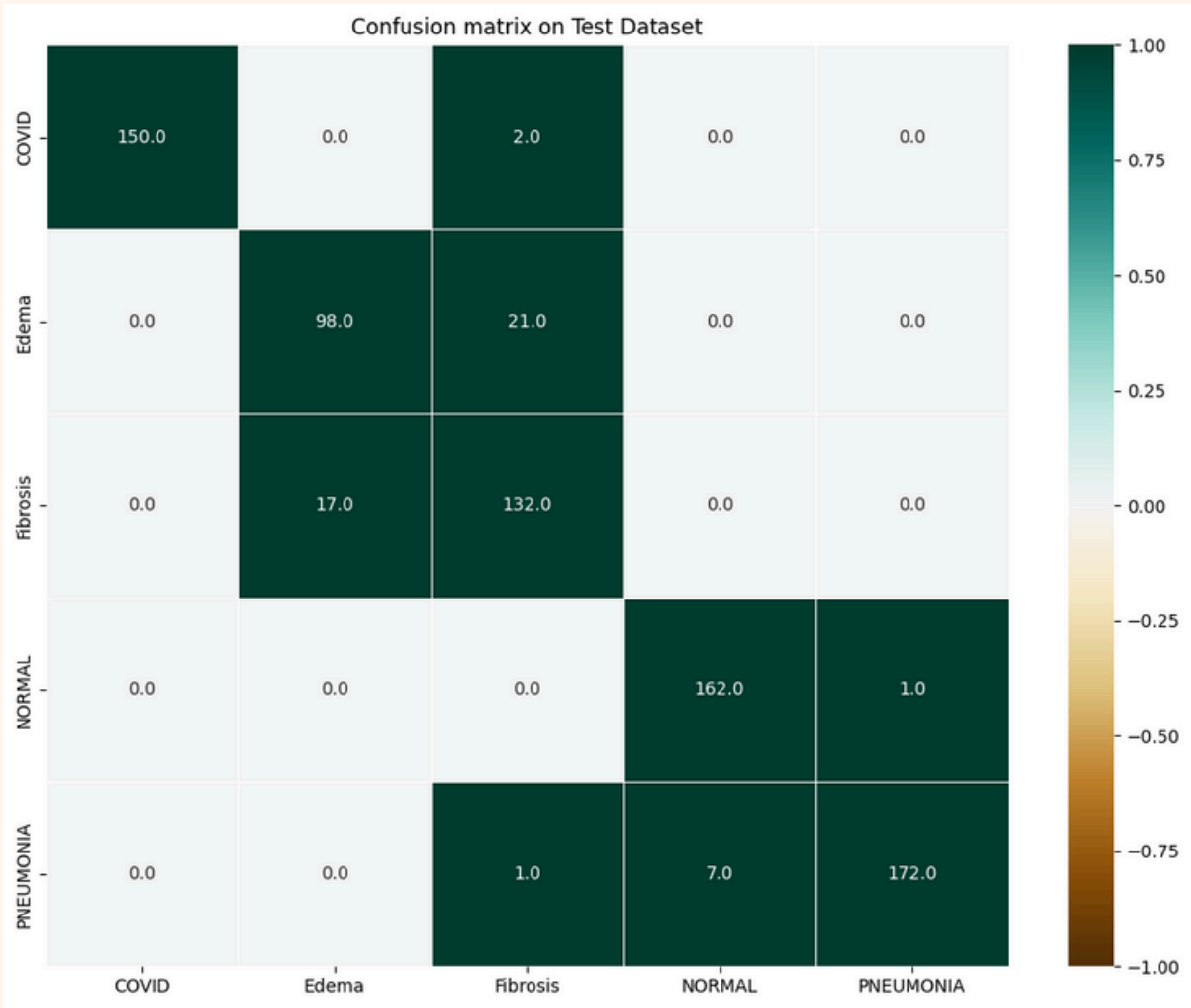
PERFORMANCE

- Near-Perfect Results

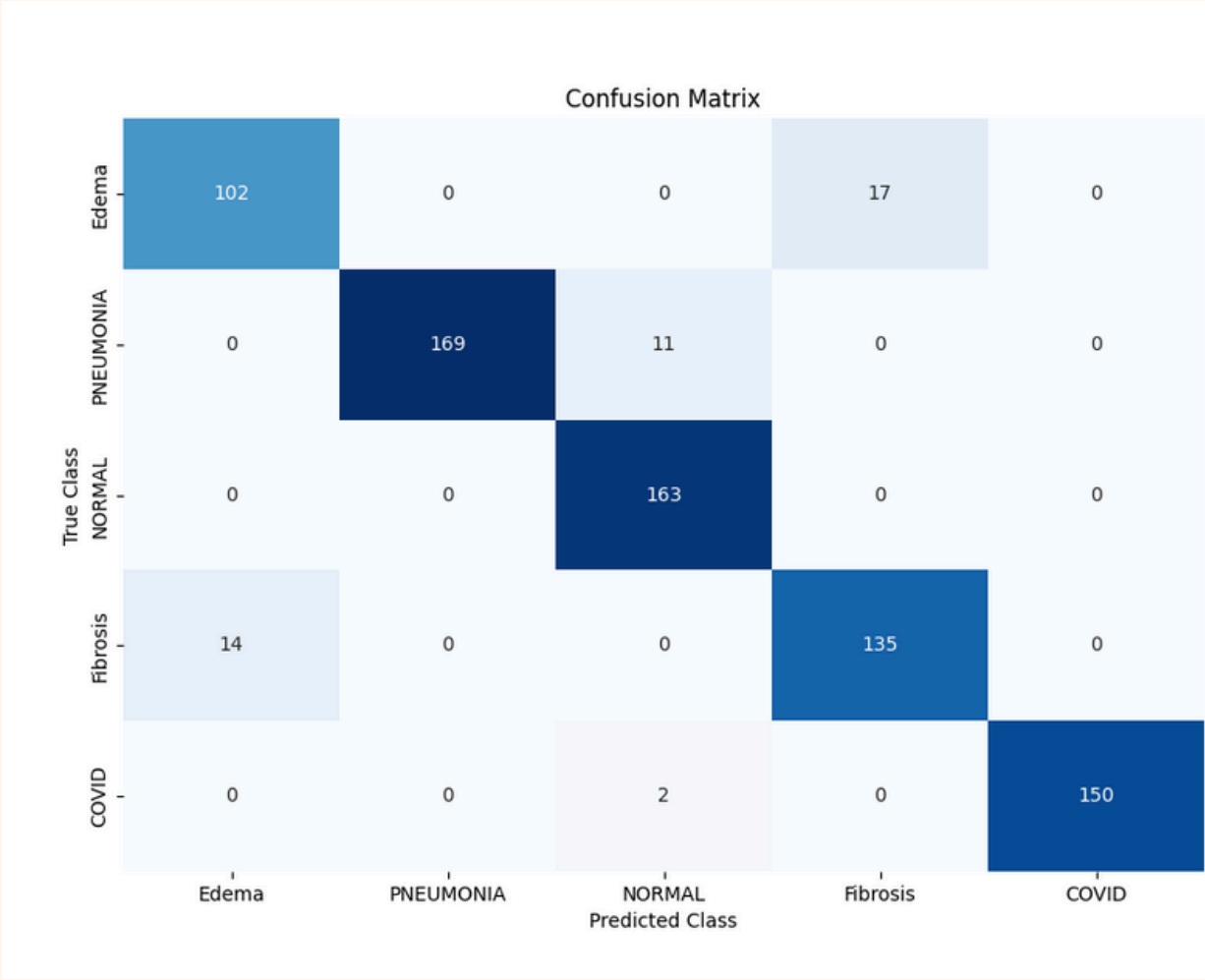
VGG16



ResNet101



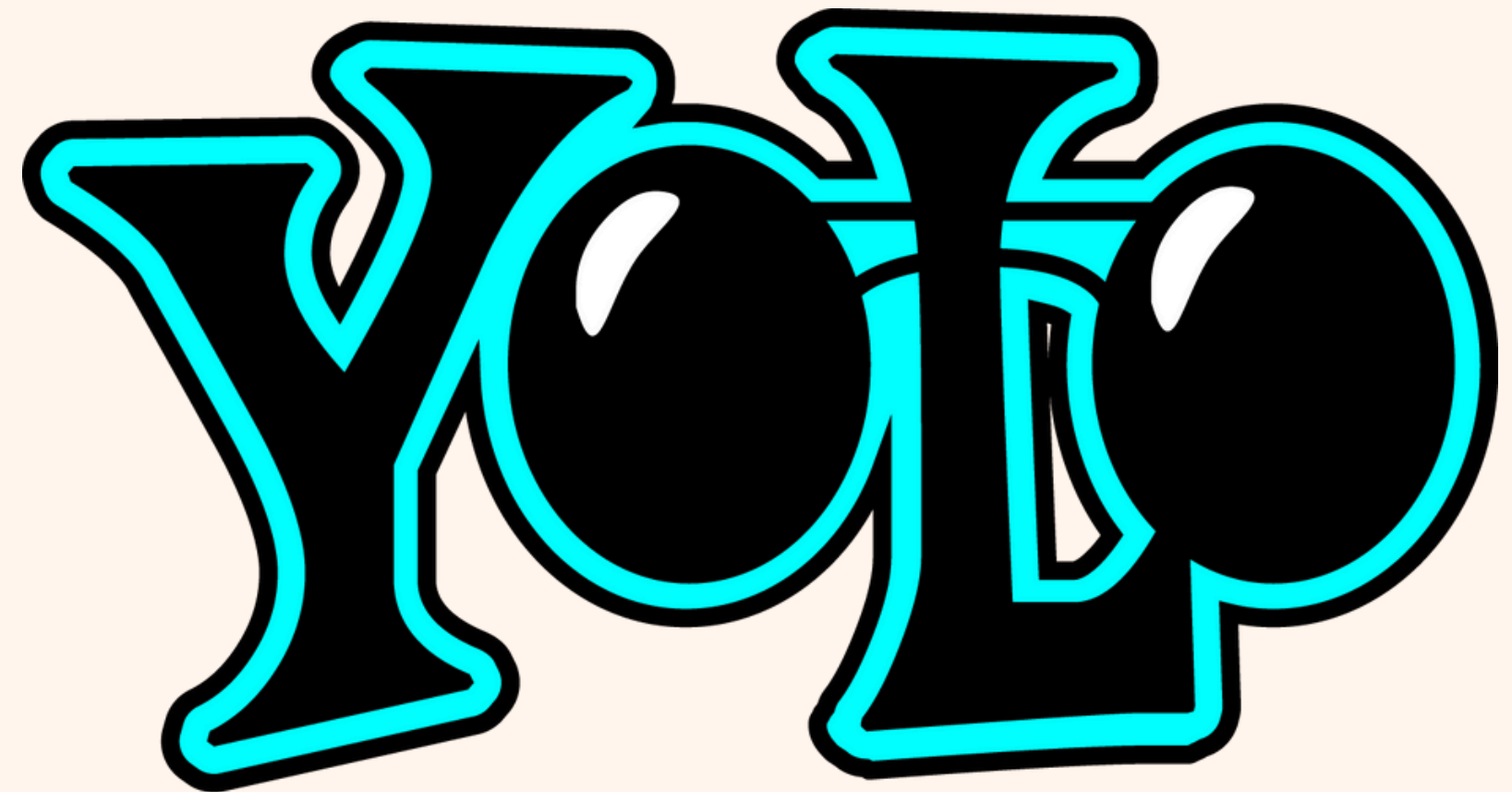
YOLO



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