

DATA ANNOTATION MASTERY

TRAINING MODULE

CLASS 01

TOPIC: INTRODUCTION & ORIENTATION

- ✓ Mentor introduction session
- ✓ Overview of the training objectives & roadmap
- ✓ What is Data Annotation? Definition & purpose
- ✓ Difference between Data Annotation & Data Labeling
- ✓ Why Data Annotation is important in the AI industry
- ✓ Examples from real-world AI applications
- ✓ AI in healthcare (medical image annotation)
- ✓ Autonomous vehicles (self-driving car object detection)
- ✓ What is Data Annotation? Definition & purpose
- ✓ E-commerce (product tagging)
- ✓ Voice assistants (Alexa/Siri intent recognition)

CLASS 02

TOPIC: FUNDAMENTALS OF DATA ANNOTATION TOOLS

- ✓ Overview of popular annotation tools: Labelbox, CVAT, VGG Image Annotator, Amazon SageMaker Ground Truth

CLASS 03

TOPIC: TYPES OF DATA ANNOTATION (THEORY)

- ✓ Categories: Image Annotation, Video Annotation, Text Annotation, Audio Annotation
- ✓ Mediums: Image, Video, Audio, Text

CLASS 04

TOPIC: TYPES OF DATA ANNOTATION (PRACTICAL 1)

- ☑ Image Annotation
with Quality Control & Accuracy Checks

- Polygons
- Polylines
- Key Points
- 3D Cuboids
- Bounding Boxes

CLASS 05

TOPIC: TYPES OF DATA ANNOTATION (PRACTICAL 2)

- ☑ Video Annotation – with Quality Control & Accuracy Checks:
 - Frame-by-frame labeling
 - Object tracking

CLASS 06

TOPIC: TYPES OF DATA ANNOTATION (PRACTICAL 3)

- ☑ Text Annotation – with Quality Control & Accuracy Checks
 - Named Entity Recognition (NER)
 - Sentiment Analysis
 - Intent Recognition
 - Part-of-Speech (POS) Tagging

CLASS 07

TYPES OF DATA ANNOTATION (PRACTICAL 4)

☑ Audio Annotation –
with Quality Control & Accuracy Checks

- Speech-to-text transcription
- Audio classification
- Speaker identification

CLASS 08

TOPIC: CLIENT ACCOSITION FOR (B2B)

- ☑ Understanding B2B client requirementsFrame-by-frame labeling
Object tracking
- ☑ Effective client communication & handling

CLASS 09

TOPIC: CLIENT ACCOSITION FOR (B2C)

- ☑ Strategies for reaching individual clients
- ☑ Building trust and long-term relationships

CLASS 10

TOPIC: CLOSING THE TRAINING

- ✓ Recap of the course
- ✓ Final test (theory + practical)

CLASS 11

TOPIC: QUESTION AND ANSWER SESSION

- ✓ Open Q&A with mentor
- ✓ Individual feedback & guidance