

# Case Study: Sentiment Annotation for User Reviews

## Overview

This project demonstrates manual sentiment annotation of short user-generated texts using a structured labeling workflow and explicit annotation guidelines.

## Dataset

- **60 short texts**
- Simulated user reviews and feedback
- Included clear, neutral, and ambiguous cases

## Label Schema

- Positive
- Neutral
- Negative

Single-label classification per item.

## Tooling

- Annotation performed using **Label Studio**
- Data imported via CSV
- Annotations exported as structured JSON

## Methodology

- Applied a **dominant sentiment rule** for mixed statements
- Paid special attention to contrast markers (“but”)
- Distinguished neutral statements from weak positives
- Added reviewer-style comments for ambiguous cases

## Quality Control

- Consistency review across similar sentence patterns
- Controlled annotation speed to reflect real human decision-making
- Optional comments used to clarify labeling rationale

## Output

- Clean JSON export with:
  - One annotation per task
  - Manual origin
  - Lead time metadata
  - Embedded annotation comments

## Skills Demonstrated

- Sentiment analysis judgment
- Ambiguity handling
- Annotation guideline design
- Annotation tooling proficiency
- Quality-oriented workflow