Tiktok Claims Classification Project Proposal

Objective	The data team's objective is to build a reliable machine learning model that will help distinguish between videos that contain a user claim from one that offers an opinion to prioritize the user reports efficiently and reduce the backlog.

Planning and Analyzing stages

Milestone	Tasks	Outcome/Deliverables	Estimated Time
Milestone 1	• Define the project workflow. • Collect data from various sources. • Identify the software/hardware requirements	• Stakeholders updated	2-3 weeks
Milestone 2	• Clean, transform and organize the data. • Perform EDA (Exploratory Data Analysis) to identify important features.	• Database is prepared for modeling. • Stakeholders updated.	2-3 weeks

Constructing and Executing stages

Milestone 3	• Identify the modeling techniques and algorithms to be used. • Train machine learning models. • Evaluate their performance.	• Machine learning models and their performance metrics. • Stakeholders updated.	4 weeks
Milestone 4	• Finalize results. • Create compelling visualizations to explain key insights to Tiktok executives. • Incorporate feedback.	• Visualizations, dashboards • Executive Summary • Results	3 weeks