# Enhancing Claims Classification on the TikTok Platform Proposal

## **Overview:**

The goal of this project is to develop machine learning techniques that will assist in distinguishing between claims or opinions within content on the TikTok platform. With the increasing number of submissions and interactions on TikTok, it has become challenging for moderators to review each video, user comment, and content claim in a timely manner. By building a reliable machine learning model, we aim to classify user interaction data as a claim or opinion, enabling efficient content moderation.

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| **Milestone** | **Tasks** | **Deliverables/Reports** | **Relevant Stakeholder (Optional Activity)** |
| **1** | Write a project proposal  Plan | * Global-level project document |  |
| **1a** | Establish structure for project workflow (PACE)  Plan |  |  |
| **2** | Begin exploring the data  Analyze | * Data files ready for EDA |  |
| **2a** | Data exploration and cleaning  Analyze |  |  |
| **3** | Compile summary information about the data  Analyze **and** Construct | * EDA report |  |
| **3a** | Visualization building  Analyze **and** Construct | * Tableau dashboard/visualizations |  |
| **4** | Conduct hypothesis testing  Analyze | * Analysis of testing results between two important variables |  |
| **4a** | Build a regression model  Analyze **and** Execute |  |  |
| **5** | Build a machine learning model  Construct **and** Execute |  |  |
| **5a** | Evaluate the model  Execute | * Determine the success of the model |  |
| **6** | Compute descriptive statistics  Analyze | * Final model |  |
| **6a** | Communicate final insights with stakeholders  Execute | * Report to all stakeholders |  |