## **TikTok Claims Classification Project Proposal**

## **Overview:**

TikTok is developing a predictive model to classify user-reported videos and comments into claims or opinions. This project aims to improve the efficiency of content moderation by reducing the backlog of user reports and prioritizing them based on predictions.

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