**TikTok Claims Classification Project Proposal**

## **Overview:**

TikTok is seeking to build machine learning techniques to accurately distinguish between claims and opinions within content of the platform to allow moderators to review videos, user comments, and content claims in a more timely manner.

| **Milestone** | **Tasks** | **Deliverables/Reports** | **Duration** | **Relevant Stakeholder** |
| --- | --- | --- | --- | --- |
| **1** | **Establish structure for project workflow (PACE)**  **Plan** | * Global-level project document | 1 - 2 days | Rose Mae Bradshaw, Data Science Manager |
| **1a** | **Write a project proposal**  **Plan** | * Project Proposal |  | Mary Joanna Rodgers, Project Management Officer |
| **2** | **Compile summary information about the data**  **Analyze** | * Data files ready for EDA | 14 - 21 days (2 - 3 weeks) | Orion Rainer, Data Scientist |
| **2a** | **Begin exploring the data**  **Analyze** |  |  | Orion Rainer, Data Scientist |
| **3** | **Data exploration and cleaning**  **Plan and Analyze** | * EDA report | 7 days (1 week) | Orion Rainer, Data Scientist |
| **3a** | **Visualization building**  **Analyze and Construct** | * Tableau dashboard/visualizations |  | Mary Joanna Rodgers, Project Management Officer |
| **4** | **Compute descriptive statistics**  **Analyze** | * Analysis of testing results between two important variables * Share results of testing | 7 days (1 week) | Willow Jaffey, Data Science Lead |
| **4a** | **Conduct hypothesis testing**  **Analyze and Construct** |  |  | Orion Rainier, Data Scientist |
| **5** | **Build a regression model**  **Analyze and Construct** | * Review testing results * Regression Model | 7 - 14 days (1 - 2 weeks) | Willow Jaffey, Data Science Lead |
| **5a** | **Evaluate the model**  **Execute** | * Determine the success of the model |  | Rosie Mae Bradshaw, Data Science Manager |
| **6** | **Build a machine learning model**  **Construct** | * Final model | 7 days (1 week) | Willow Jaffey, Data Science Lead |
| **6a** | **Communicate final insights with stakeholders**  **Execute** | * Report to all stakeholders |  | Willow Jaffey, Data Science Lead |