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