TikTok Submission Classification Machine Learning Model Proposal

Overview:

> The objective is to produce a machine learning model to classify all submissions on TikTok as 'claim' or 'opinion' to better free up the application moderators to address real issues in a timely manner.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	**Write a project proposal** **Plan** ˅	● Global-level project document	Executives
1a	**Establish structure for project workflow (PACE)** **Plan** ˅		
2	**Compile summary information about the data** **Analyze** ˅ Begin exploring data	● Data files ready for EDA	
2a	**Begin exploring the data** **Analyze** ˅		

3	**Data exploration and cleaning** **Analyze** ▾ and **Plan** ▾ Compile summary information about data	• 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	**Conduct hypothesis testing** **Construct** ▾ and **Analyze** ▾		
5	**Build a regression model** **Construct** ▾ and **Analyze** ▾	• Regression model	
5a	**Evaluate the model** **Execute** ▾	• Determine the success of the model	

6	Build a machine learning model Construct ⌄	• Machine learning model. Final model	Executives and moderators
6a	Communicate final insights with stakeholders Execute ⌄	• Report to all stakeholders	