Tik Tok Project Proposal

Overview:

TikTok seeks a way to use machine learning to extract claims or propositions within TikTok videos and comments and classify each data point as a claim or opinion.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	Establish structure for project workflow (PACE) Plan ▾	• Global-level project document	
1a	Write a project proposal ▾ Plan ▾		
2	Compile summary information about the data Analyze ▾	• Data files ready for EDA	
2a	Select software/languages ▾ Analyze ▾		
3	Data exploration and cleaning ▾ Plan ▾ and Construct ▾	• EDA report	

3a	**Visualization building** `Construct ▾` 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** `Analyze ▾` and `Construct ▾`		
5a	**Evaluate the model** `Execute ▾`	● Determine the success of the model	
6	**Build a machine learning model** `Construct ▾`	● Final model	
6a	**Communicate final insights with stakeholders** `Execute ▾`	● Report to all stakeholders	