Tiktok Project Proposal

Overview:

TikTok aims to leverage machine learning to identify claims or propositions in videos and comments, classifying each as either a claim or an opinion.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	Establish structure for project workflow (PACE) Plan	● Global-level project document	Rosie Mae Bradshaw — DS Manager
1a	Write a project proposal Plan		Mary Joanna Rodgers — PM Officer
2	Compile summary information about the data Analyze	Data files ready for EDA	Orion Rainier — DS
2a	Begin exploring the data Analyze		Orion Rainier — DS
3	Data exploration and cleaning	EDA report	Orion Rainier — DS

	Plan **and** Analyze		
3a	Visualization building

Analyze **and** Construct | Tableau dashboard/visualizations | Mary Joanna Rodgers — PM Officer |
| **4** | Compute descriptive statistics

Analyze | Analysis of testing results between two important variables | Willow Jaffey — DS Lead |
| **4a** | Conduct hypothesis testing

Analyze **and** Construct | | Orion Rainier — DS |
| **5** | Build a regression model

Analyze **and** Construct | | Willow Jaffey — DS Lead |
| **5a** | Evaluate the model

Execute | Determine the success of the model | Rosie Mae Bradshaw — DS Manager |
| **6** | Build a machine learning model

Construct | Final model | Willow Jaffey — DS Lead |

6a	Communicate final insights with stakeholders Execute	Report to all stakeholders	Willow Jaffey — DS Lead