Claim Classifier Project Proposal

Overview:

TikTok seeks a way to use machine learning to extract claims or propositions within TikTok videos and comments to 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	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

Note: The estimated times for the milestones:
- Milestone 1:   1-2 days
- Milestone 2:   2-3 weeks
- Milestone 3:   1 week
- Milestone 4:   1 week
- Milestone 5:   1-2 weeks