TikTok 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	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 Plan ▾ and Analyze ▾	● EDA report	Orion Rainier — DS

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	**Evaluate the model** ▾ **Construct** ▾	• Final model	Willow Jaffey — DS Lead
6a	**Communicate final insights with stakeholders** **Execute** ▾	• Report to all stakeholders	Willow Jaffey — DS Lead