TikTok Project Proposal

Overview:

TikTok is seeking for a way to build a predictive model to classify TikTok videos as claims or opinions

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	**Establish structure for project workflow (PACE)** Plan ▾	• Global-level project document	Data Science Manager
1a	**Write a project proposal** ▾ Plan ▾		PM Officer
2	**Compile summary information about the data** Analyze ▾	• Data files ready for EDA	Data Scientist
2a	**Begin exploring the data** ▾ Analyze ▾		Data Scientist
3	**Data exploration and cleaning** Plan ▾ and Analyze ▾	• EDA report	Data Scientist

3a	**Visualization building** **Analyze** and **Construct**	• Tableau dashboard/visualizations	PM Officer
4	**Compute descriptive statistics** **Analyze**	• Analysis of testing results between two important variables	Data Scientist Lead
4a	**Conduct hypothesis testing** **Analyze** and **Construct**		Data Scientist
5	**Build a regression model** **Analyze** and **Construct**	• Regression model	Data Scientist Lead
5a	**Evaluate the model** **Execute**	• Determine the success of the model	Data Science Manager
6	**Build a machine learning model** **Construct**	• Final model	Data Scientist Lead
6a	**Communicate final insights with stakeholders** **Execute**	• Report to all stakeholders	Data Scientist Lead