Tiktok Project Proposal

Overview:

The Tiktok company seeks a way to more effectively handle and differentiate claims and propositions from videos via a machine learning classification model.

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** ▾		Product Manager 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	<mark>Product Manager Officer</mark>
4	**Compute descriptive statistics** **Analyze ▾**	• Analysis of testing results between two important variables	<mark>Data Science Lead</mark>
4a	**Conduct hypothesis testing** **Analyze ▾** and **Construct ▾**		<mark>Data Scientist</mark>
5	**Build a regression model** **Analyze ▾** and **Construct ▾**		<mark>Data Science Lead</mark>
5a	**Evaluate the model** **Execute ▾**	• Determine the success of the model	<mark>Data Science Manager</mark>
6	**Build a machine learning model** **Construct ▾**	• Final model	<mark>Data Science Lead</mark>
6a	**Communicate final insights with stakeholders** **Execute ▾**	• Report to all stakeholders	<mark>Data Science Lead</mark>