TikTok ML Project Proposal

Overview:

TikToks seeks for a ML Model of which extract user propositions within TikTok videos and classify them as claims or opinions.

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

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

Course 1: Foundations of Data Science

Milestone 1: 1-2 days
Milestone 2: 2-3 weeks
Milestone 3: 1 week
Milestone 4: 1 week
Milestone 5: 1-2 weeks