Claims Classification 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. Develop a machine learning algorithm to classify user interaction data into 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 ▾		PMO
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	PMO
4	**Compute descriptive statistics** `Analyze ▾`	• Analysis of testing results between two important variables	Data Scientist
4a	**Conduct hypothesis testing** `Analyze ▾` and `Construct ▾`		Data Science Lead
5	**Build a regression model** `Analyze ▾` and `Construct ▾`	• Regression Model	Data Science 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 Science Lead

| 6a | Communicate final insights with stakeholders

Execute ▾ | ● Report to all stakeholders | Data Science Lead Data Science Manager PMO |
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