



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)
1	Establish structure for project workflow (PACE) Plan	<ul style="list-style-type: none">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 results	Orion Rainier — DS
3a	Visualization building	Tableau dashboard/visualizations	Mary Joanna Rodgers — PM Officer



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	Analyze and Construct		
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	Regression model	Willow Jaffey — DS Lead
5a	Evaluate the model Execute		Rosie Mae Bradshaw — DS Manager
6	Build a machine learning model Construct	Final model	Willow Jaffey — DS Lead
6a	Communicate final insights with stakeholders Execute	Report to all stakeholders	Willow Jaffey — DS Lead

Milestone 1: 1-2 days

Milestone 2: 2-3 weeks

Milestone 3: 1 week

Milestone 4: 1 week

Milestone 5: 1-2 weeks



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