



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	Data Science Manager
1a	Write a project proposal Plan		Project Management 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 results	Data Scientist
3a	Visualization building	Tableau dashboard/visualizations	Project Management Officer



Course 1: Foundations of Data Science

	Analyze and Construct		
4	Compute descriptive statistics Analyze	Analysis of testing results between two important variables	Data Science Lead
4a	Conduct hypothesis testing Analyze and Construct		Data Scientist
5	Build a regression model Analyze and Construct	Regression model	Data Science Lead
5a	Evaluate the model Execute		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

Note: The estimated times for the milestones in the example equate to the length of the courses where you will learn the necessary skills. Realistic timelines when working with actual clients and data scientists as a data scientist would most likely have tight deadlines, for example:

Milestone 1: 1-2 days

Milestone 2: 2-3 weeks



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Milestone 3: 1 week

Milestone 4: 1 week

Milestone 5: 1-2 weeks