



# 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) <b>Plan</b>	● Global-level project document	Rosie Mae Bradshaw — DS Manager
1a	Write a project proposal <b>Plan</b>		Mary Joanna Rodgers — PM Officer
2	Compile summary information about the data <b>Analyze</b>	● Data files ready for EDA	Orion Rainier — DS
2a	Begin exploring the data <b>Analyze</b>		Orion Rainier — DS
3	Data exploration and cleaning <b>Plan</b> and <b>Analyze</b>	● EDA results	Orion Rainier — DS
3a	Visualization building <b>Analyze</b> and <b>Construct</b>	● Tableau dashboard/visualizations	Mary Joanna Rodgers — PM Officer
4	Compute descriptive statistics <b>Analyze</b>	● Analysis of testing results between two important variables	Willow Jaffey — DS Lead
4a	Conduct hypothesis testing <b>Analyze</b> and <b>Construct</b>		Orion Rainier — DS
5	Build a regression model <b>Analyze</b> and <b>Construct</b>	● Regression model	Willow Jaffey — DS Lead
5a	Evaluate the model <b>Execute</b>		Rosie Mae Bradshaw — DS Manager
			Willow Jaffey — DS Lead

6	Build a machine learning model Construct	• Final model	
6a	Communicate final insights with stakeholders Execute	• Report to all stakeholders	Willow Jaffey — DS 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

Milestone 3: 1 week

Milestone 4: 1 week

Milestone 5: 1-2 weeks