



# 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>	<ul style="list-style-type: none"><li>Global-level project document</li></ul>	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	Tableau dashboard/visualizations	Mary Joanna Rodgers — PM Officer



## Course 1: Foundations of Data Science

	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