



# 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

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



## Course 1: **Foundations of Data Science**

Milestone 4: 1 week

Milestone 5: 1-2 weeks