## 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	Global-level project document	Rosie Mae Bradshaw — DS Manager
1a	Write a project proposal		Mary Joanna Rodgers — PM Officer
2	Compile summary information about the data	Data files ready for EDA	Orion Rainier — DS
	Analyze		
<b>2</b> a	Begin exploring the data		Orion Rainier — DS
	Analyze		
3	Data exploration and cleaning	EDA results	Orion Rainier — DS
	Plan and Analyze		
3a	Visualization building	Tableau dashboard/visualizations	Mary Joanna Rodgers — PM Officer



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

	Analyze and Construct		
4	Compute descriptive statistics	Analysis of testing results between two important variables	Willow Jaffey — DS Lead
	Analyze		
4a	Conduct hypothesis testing		Orion Rainier — DS
	Analyze and Construct		
5	Build a regression model	Regression model	Willow Jaffey — DS Lead
	Analyze and Construct		
5a	Evaluate the model		Rosie Mae Bradshaw — DS Manager
	Execute		
6	Build a machine learning model	Final model	Willow Jaffey — DS Lead
	Construct		
6a	Communicate final insights with stakeholders	Report to all stakeholders	Willow Jaffey — DS Lead
	Execute		

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



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

Milestone 3: 1 week Milestone 4: 1 week Milestone 5: 1-2 weeks