## 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)	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  Analyze	Data files ready for EDA	Orion Rainier — DS
2a	Begin exploring the data		Orion Rainier — DS
3	Data exploration and cleaning  Plan and Analyze and An	EDA results	Orion Rainier — DS



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

3a	Visualization building	Tableau dashboard/visualizations	Mary Joanna Rodgers — PM Officer
	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	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 *		



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

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