

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	<div>Establish structure for project workflow (PACE)</div> <div>Plan ▾</div>	<ul style="list-style-type: none">Global-level project document	Rosie Mae Bradshaw — DS Manager
1a	<div>Write a project proposal</div> <div>Plan ▾</div>		Mary Joanna Rodgers — PM Officer
2	<div>Compile summary information about the data</div> <div>Analyze ▾</div>	<ul style="list-style-type: none">Data files ready for EDA	Orion Rainier — DS
2a	<div>Begin exploring the data</div> <div>Analyze ▾</div>		Orion Rainier — DS
3	<div>Data exploration and cleaning</div> <div>Plan ▾ and Analyze ▾</div>	<ul style="list-style-type: none">EDA results	Orion Rainier — DS

3a	Visualization building Analyze ▾ and Construct ▾	<ul style="list-style-type: none"> Tableau dashboard/visualizations 	Mary Joanna Rodgers — PM Officer
4	Compute descriptive statistics Analyze ▾	<ul style="list-style-type: none"> 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 ▾	<ul style="list-style-type: none"> Regression model 	Willow Jaffey — DS Lead
5a	Evaluate the model ▾ Execute ▾		Rosie Mae Bradshaw — DS Manager
6	Build a machine learning model Construct ▾	<ul style="list-style-type: none"> Final model 	Willow Jaffey — DS Lead
6a	Communicate final insights with stakeholders Execute ▾	<ul style="list-style-type: none"> 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