

# 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"><li>Global-level project document</li></ul>	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"><li>Data files ready for EDA</li></ul>	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"><li>EDA results</li></ul>	Orion Rainier — DS

3a	Visualization building Analyze ▾ and Construct ▾	<ul style="list-style-type: none"> <li>Tableau dashboard/visualizations</li> </ul>	Mary Joanna Rodgers — PM Officer
4	Compute descriptive statistics Analyze ▾	<ul style="list-style-type: none"> <li>Analysis of testing results between two important variables</li> </ul>	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"> <li>Regression model</li> </ul>	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"> <li>Final model</li> </ul>	Willow Jaffey — DS Lead
6a	Communicate final insights with stakeholders Execute ▾	<ul style="list-style-type: none"> <li>Report to all stakeholders</li> </ul>	Willow Jaffey — DS Lead