



# TikTok Project Proposal

## Overview:

With the number of submissions and interactions on TikTok each day, it's challenging for the moderators to review each video, user comment, and content claim in a timely manner.

The goal is to **build a machine learning model with the capability to reliably classify user interaction data as a claim or opinion.**

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
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- Data Science Manager
1a	<div>Write a project proposal</div> <div>Plan ▾</div>		Mary Joanna Rodgers- Project Management 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-Data Scientist
2a	<div>Begin exploring the data</div> <div>Analyze ▾</div>		Orion Rainier-Data Scientist
3	<div>Data exploration and cleaning</div>	<ul style="list-style-type: none"><li>EDA report</li></ul>	Orion Rainier-Data Scientist



	Plan ▾ and Analyze ▾		
3a	Visualization building Analyze ▾ and Construct ▾	<ul style="list-style-type: none"> <li>Tableau dashboard/visualizations</li> </ul>	Mary Joanna Rodgers- Project Management 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- Data Science Lead
4a	Conduct hypothesis testing Analyze ▾ and Construct ▾		Orion Rainier-Data Scientist
5	Build a regression model Analyze ▾ and Construct ▾	<ul style="list-style-type: none"> <li>Regression model</li> </ul>	Willow Jaffey- Data Science Lead
5a	Evaluate the model ▾ Execute ▾		Rosie Mae Bradshaw- Data Science Manager
6	Build a machine learning model Construct ▾	<ul style="list-style-type: none"> <li>Final model</li> </ul>	Willow Jaffey- Data Science Lead
6a	Communicate final insights with stakeholders	<ul style="list-style-type: none"> <li>Report to all stakeholders</li> </ul>	Willow Jaffey- Data Science Lead



	Execute ▾		
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