



# 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



## Course 1: Foundations of Data Science

3a	<p>Visualization building</p> <p>Analyze ▾ and Construct ▾</p>	<ul style="list-style-type: none"><li>Tableau dashboard/visualizations</li></ul>	Mary Joanna Rodgers — PM Officer
4	<p>Compute descriptive statistics</p> <p>Analyze ▾</p>	<ul style="list-style-type: none"><li>Analysis of testing results between two important variables</li></ul>	Willow Jaffey — DS Lead
4a	<p>Conduct hypothesis testing</p> <p>Analyze ▾ and Construct ▾</p>		Orion Rainier — DS
5	<p>Build a regression model</p> <p>Analyze ▾ and Construct ▾</p>	<ul style="list-style-type: none"><li>Regression model</li></ul>	Willow Jaffey — DS Lead
5a	<p>Evaluate the model</p> <p>Execute ▾</p>		Rosie Mae Bradshaw — DS Manager
6	<p>Build a machine learning model</p> <p>Construct ▾</p>	<ul style="list-style-type: none"><li>Final model</li></ul>	Willow Jaffey — DS Lead
6a	<p>Communicate final insights with stakeholders</p> <p>Execute ▾</p>	<ul style="list-style-type: none"><li>Report to all stakeholders</li></ul>	Willow Jaffey — DS Lead



## 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