



# Claims Classification 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. Develop a machine learning algorithm to classify user interaction data into claims or opinions.

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>	Data Science Manager
1a	<div>Write a project proposal</div> <div>Plan ▾</div>		PMO
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>	Data Scientist
2a	<div>Begin exploring the data</div> <div>Analyze ▾</div>		Data Scientist



## Course 1: Foundations of Data Science

3	<p>Data exploration and cleaning</p> <p>Plan ▾ and Analyze ▾</p>	<ul style="list-style-type: none"><li>EDA report</li></ul>	Data Scientist
3a	<p>Visualization building</p> <p>Analyze ▾ and Construct ▾</p>	<ul style="list-style-type: none"><li>Tableau dashboard/visualizations</li></ul>	PMO
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>	Data Scientist
4a	<p>Conduct hypothesis testing</p> <p>Analyze ▾ and Construct ▾</p>		Data Science Lead
5	<p>Build a regression model</p> <p>Construct ▾ and Execute ▾</p>	<ul style="list-style-type: none"><li>Regression Model</li></ul>	Data Science Lead
5a	<p>Evaluate the model</p> <p>Construct ▾</p>	<ul style="list-style-type: none"><li>Determine the success of the model</li></ul>	Data Science Manager
6	<p>Build a machine learning model</p> <p>Construct ▾</p>	<ul style="list-style-type: none"><li>Final model</li></ul>	Data Science Lead



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6a	<div>Communicate final insights with stakeholders</div> <div>Execute ▾</div>	<ul style="list-style-type: none"><li>Report to all stakeholders</li></ul>	<div>Data Science Lead</div> <div>Data Science Manager</div> <div>PMO</div>
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