



# Claim Classification Project Proposal

## Overview:

Develop a predictive model that can determine whether a video contains a claim or offers an opinion. By using it, TikTok can reduce the backlog of user reports and prioritize them more efficiently.

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>	<ul style="list-style-type: none"><li>Project proposal</li></ul>	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



## Course 1: Foundations of Data Science

	<b>Plan</b> and <b>Analyze</b>		
3a	<b>Visualization building</b> <b>Analyze</b> and <b>Construct</b>	<ul style="list-style-type: none"><li>Tableau dashboard/visualizations</li></ul>	Mary Joanna Rodgers- Project Management Officer
4	<b>Compute descriptive statistics</b> <b>Analyze</b>	<ul style="list-style-type: none"><li>Analysis of testing results between two important variables</li></ul>	Orion Rainier- Data Scientist Willow Jaffey- Data Science Lead
4a	<b>Conduct hypothesis testing</b> <b>Analyze</b> and <b>Construct</b>	<ul style="list-style-type: none"><li>Finalise model strategies</li></ul>	Orion Rainier- Data Scientist
5	<b>Build a regression model</b> <b>Analyze</b> and <b>Construct</b>	<ul style="list-style-type: none"><li>Machine learning model</li></ul>	Willow Jaffey- Data Science Lead
5a	<b>Evaluate the model</b> <b>Execute</b>	<ul style="list-style-type: none"><li>Determine the success of the model</li></ul>	Rosie Mae Bradshaw - Data Science Manager
6	<b>Build a machine learning model</b> <b>Construct</b>	<ul style="list-style-type: none"><li>Final model</li></ul>	Willow Jaffey- Data Science Lead



Course 1: Foundations of Data Science

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