



## Stage 1: Project proposal

# Classification of TikTok videos proposal

## Overview:

The data team's objective is to build a reliable machine learning model able to predict whether a video is a claim or an opinion.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	<div>Write a project proposal</div> <div>Plan ▾</div>	<ul style="list-style-type: none"><li>Global-level project document.</li></ul>	
1a	<div>Select software/languages</div> <div>Plan ▾</div>		
2	<div>Begin exploring the data</div> <div>Analyze ▾</div>	<ul style="list-style-type: none"><li>Data files ready for EDA</li></ul>	
2a	<div>Data exploration and cleaning</div> <div>Analyze ▾</div>		
3	<div>Compile summary information about the data</div>	<ul style="list-style-type: none"><li>EDA report</li></ul>	



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	<b>Plan</b> and <b>Analyze</b>		
3a	Visualization building <b>Analyze</b> and <b>Construct</b>	<ul style="list-style-type: none"><li>Visualizations</li></ul>	
4	Compute descriptive statistics <b>Construct</b>	<ul style="list-style-type: none"><li>Analysis of testing results between two important variables</li></ul>	
4a	Build a machine learning model <b>Plan</b> and <b>Construct</b>		
5	Evaluate the model <b>Plan</b> and <b>Construct</b>		
5a	Conduct hypothesis testing <b>Construct</b>	<ul style="list-style-type: none"><li>Determine the success of the model</li></ul>	
6	Compile summary information about the data <b>Execute</b>	<ul style="list-style-type: none"><li>Final model</li></ul>	
6a	Communicate final insights with stakeholders	<ul style="list-style-type: none"><li>Report to all stakeholders</li></ul>	



**Stage 1:** Project proposal

	Execute ▾		
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