



# Automatidata Proposal

## Overview:

Tiktok wants 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 Activity)
1	<p>Establish structure for project workflow (PACE)</p> <p><a href="#">Plan</a></p>	<ul style="list-style-type: none"><li>Global-level project document</li></ul>	Rosie Mae Bradshaw - DS Manager
1a	<p>Write a project proposal</p> <p><a href="#">Plan</a></p>		Mary Joanna Rodgers - PM Officer
2	<p>Compile summary information about the data</p> <p><a href="#">Analyze</a></p>	<ul style="list-style-type: none"><li>Data files ready for EDA</li></ul>	Orion Rainier - DS
2a	<p>Begin exploring the data</p> <p><a href="#">Analyze</a></p>		Orion Rainier - DS
3	<p>Data exploration and cleaning</p> <p><a href="#">Plan</a> and <a href="#">Analyze</a></p>	<ul style="list-style-type: none"><li>EDA report</li></ul>	Orion Rainier - DS



## Course 1: Foundations of Data Science

3a	<p>Visualization building</p> <p>Construct ▾ and Analyze ▾</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>		Willow Jaffey - DS Lead
5a	<p>Evaluate the model</p> <p>Execute ▾</p>	<ul style="list-style-type: none"><li>Determine the success of the model</li></ul>	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