



TikTok Project Proposal

Overview:

TikTok seeks ways to use machine learning models to extract claims, comments, and opinions within video and classify each as either an opinion or a claim

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">Global-level project document	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">Data files ready for EDA	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> <div>Plan ▾ and Analyze ▾</div>	<ul style="list-style-type: none">EDA report	Orion Rainier- Data Scientist



Course 1: Foundations of Data Science

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