



TikTok 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.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	Establish structure for project workflow (PACE) Plan	Global-level project document	Rosie Mae Bradshaw — DS Manager
1a	Write a project proposal Plan	Project proposal	Mary Joanna Rodgers — PM Officer
2	Compile summary information about the data Analyze	Data files ready for EDA	Orion Rainier — DS
2a	Compute descriptive statistics Analyze		Willow Jaffey — DS Lead



Course 1: Foundations of Data Science

3	<p>Begin exploring the data</p> <p>Analyze</p>	EDA report	Orion Rainier — DS
3a	<p>Data exploration and cleaning</p> <p>Analyze</p>	Cleaned Data	Orion Rainier — DS
4	<p>Visualization building</p> <p>Analyze</p>	Tableau dashboard/visualizations	Mary Joanna Rodgers — PM Officer
4a	<p>Conduct hypothesis testing</p> <p>Analyze and Construct</p>	Analysis of testing results between two important variables	Orion Rainier — DS
5	<p>Build a machine learning model</p> <p>Construct</p>	Model	Willow Jaffey — DS Lead
5a	<p>Evaluate the model</p> <p>Execute</p>	Determine the success of the model	Rosie Mae Bradshaw — DS Manager



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6	Communicate final insights with stakeholders Execute	<ul style="list-style-type: none">- Final model- Report to all stakeholders	Rosie Mae Bradshaw — DS Manager
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Milestone 1: 1-2 days

Milestone 2: 2-3 weeks

Milestone 3: 1 week

Milestone 4: 1 week

Milestone 5: 1-2 weeks

Milestone 6: 1 week