



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 1-2 days	Establish structure for project workflow (PACE) Plan	<ul style="list-style-type: none">Global-level project document	Data Science Manager
1a	Write a project proposal Plan		Project Management Officer
2 2-3 weeks	Compile summary information about the data Analyze	Data files ready for EDA	Data Scientist
2a	Begin exploring the data Analyze		Data Scientist
3 1 week	Data exploration and cleaning Plan and Analyze	EDA report	Data Scientist
3a	Visualization building Analyze and Construct	Tableau dashboard/visualizations	Project Management Officer



Course 1: Foundations of Data Science

4 1 week	Compute descriptive statistics Analyze	Analysis of testing results between two important variables	Data Science Lead
4a	Conduct hypothesis testing Analyze and Construct		Data Scientist
5 1-2 weeks	Build a regression model Analyze and Construct		Data Science Lead
5a	Evaluate the model Execute	Determine the success of the model	Data Science Manager
6 1-2 weeks	Build a machine learning model Construct	Final model	Data Science Lead
6a	Communicate final insights with stakeholders Execute	Report to all stakeholders	Data Science Lead