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)
1	**Establish structure for project workflow (PACE)** Plan	● Global-level project document	Rosie Mae Bradshaw — DS Manager
1a	**Write a project proposal** Plan		Mary Joanna Rodgers — PM Officer
2	**Compile summary information about the data** Analyze	Data files ready for EDA	Orion Rainier — DS
2a	**Begin exploring the data** Analyze		Orion Rainier — DS
3	**Data exploration and cleaning** Plan and Analyze	EDA results	Orion Rainier — DS
3a	**Visualization building**	Tableau dashboard/visualizations	Mary Joanna Rodgers — PM Officer

	Analyze and **Construct**		
4	**Compute descriptive statistics** **Analyze**	Analysis of testing results between two important variables	Willow Jaffey — DS Lead
4a	**Conduct hypothesis testing** **Analyze** and **Construct**		Orion Rainier — DS
5	**Build a regression model** **Analyze** and **Construct**	Regression model	Willow Jaffey — DS Lead
5a	**Evaluate the model** **Execute**		Rosie Mae Bradshaw — DS Manager
6	**Build a machine learning model** **Construct**	Final model	Willow Jaffey — DS Lead
6a	**Communicate final insights with stakeholders** **Execute**	Report to all stakeholders	Willow Jaffey — DS Lead

Note: The estimated times for the milestones in the example equate to the length of the courses where you will learn the necessary skills. Realistic timelines when working with actual clients and data scientists as a data scientist would most likely have tight deadlines, for example:

Milestone 1: 1-2 days
Milestone 2: 2-3 weeks

Course 1: Foundations of Data Science

Milestone 3: 1 week
Milestone 4: 1 week
Milestone 5: 1-2 weeks