Claims Classification Proposal

Overview:

In order to reduce the backlog of user reports and prioritize them more efficiently, Tiktok needs to create an accurate predictive model that determines whether a video contains a claim or offers an opinion.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	**Establish structure for project workflow (PACE)** Plan ▾	● Global-level project document	Rosie Mae Bradshaw (Data Analysis Manager)
1a	**Write a project proposal** Plan ▾		Mary Joanna Rodgers (Project Management Officer)
2	**Begin exploring the data** Analyze ▾	● Data files ready for EDA	Orion Rainier (Data Scientist)
2a	**Compile summary information about the data** Analyze ▾		Orion Rainier (Data Scientist)
3	**Data exploration and cleaning**	● EDA report	Orion Rainier (Data Scientist)

	Plan ▾ and **Analyze** ▾		
3a	**Visualization building** ▾ **Analyze** ▾ and **Construct** ▾	● Tableau dashboard/visualizations	Mary Joanna Rodgers (Project Management Officer)
4	**Compute descriptive statistics** **Analyze** ▾	● Analysis of testing results between two important variables	Willow Jaffey (Data Science Lead)
4a	**Conduct hypothesis testing** **Analyze** ▾ and **Construct** ▾		Orion Rainier (Data Scientist)
5	**Build a regression model** ▾ **Analyze** ▾ and **Construct** ▾		Willow Jaffey (Data Science Lead)
5a	**Evaluate the model** ▾ **Execute** ▾	● Determine the success of the model	Rosie Mae Bradshaw (Data Analysis Manager)
6	**Build a machine learning model** ▾ **Construct** ▾	● Final model	Willow Jaffey (Data Science Lead)

6a	**Communicate final insights with stakeholders** Execute ▾	● Report to all stakeholders	<mark>Willow Jaffey (Data Science Lead)</mark>

Estimated Times:
Milestone 1: 1-2 days
Milestone 2: 1-2 days
Milestone 3: 3-5 days
Milestone 4: 1 week
Milestone 5: 1-2 weeks
Milestone 6: 1 week