PACE Project Proposal

Overview:

Build a machine learning model with the capability to reliably classify user interaction data 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	Data Science Manager
1a	Write a project proposal▾ Plan ▾		Project Management Officer
2	Compile summary information about the data Analyze ▾	• Data files ready for EDA	Data Scientist
2a	Begin exploring the data▾ Analyze ▾		Data Scientist
3	Data exploration and cleaning Plan ▾ and Analyze ▾	• EDA report	Data Scientist

3a	**Visualization building** `Analyze ▾` and `Construct ▾`	● Tableau dashboard/visualizations	<mark>Project Management Officer</mark>
4	**Compute descriptive statistics** `Analyze ▾`	● Analysis of testing results between two important variables	<mark>Data Scientist Lead</mark>
4a	**Conduct hypothesis testing** `Analyze ▾` and `Construct ▾`		<mark>Data Scientist</mark>
5	**Build a regression model** `Analyze ▾` and `Construct ▾`		<mark>Data Scientist Lead</mark>
5a	**Evaluate the model** `Execute ▾`	● Determine the success of the model	<mark>Data Scientist Manager</mark>
6	**Build a machine learning model** `Construct ▾`	● Final model	<mark>Data Scientist Lead</mark>
6a	**Communicate final insights with stakeholders** `Execute ▾`	● Report to all stakeholders	<mark>Data Scientist Lead</mark>