



# Claims Classification Project Proposal

## Overview:

To develop a machine learning algorithm to classify user interaction data into claims or opinions.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1	<div>Establish structure for project workflow (PACE)</div> <div>Plan ▾</div>	<ul style="list-style-type: none"><li>Global-level project document</li></ul>	Data Science Manager
1a	<div>Write a project proposal</div> <div>Plan ▾</div>		PM Officer
2	<div>Compile summary information about the data</div> <div>Analyze ▾</div>	<ul style="list-style-type: none"><li>Data files ready for EDA</li></ul>	Data Scientist
2a	<div>Begin exploring the data</div> <div>Analyze ▾</div>		Data Scientist
3	<div>Data exploration and cleaning</div>	<ul style="list-style-type: none"><li>EDA report</li></ul>	Data Scientist



## Course 1: Foundations of Data Science

	<b>Plan</b> and <b>Analyze</b>		
3a	Visualization building <b>Analyze</b> and <b>Construct</b>	<ul style="list-style-type: none"><li>Tableau dashboard/visualizations</li></ul>	PM Officer
4	Compute descriptive statistics <b>Analyze</b>	<ul style="list-style-type: none"><li>Analysis of testing results between two important variables</li></ul>	Data Scientist
4a	Conduct hypothesis testing <b>Analyze</b> and <b>Construct</b>		Data Science Lead
5	Build a regression model <b>Construct</b> and <b>Execute</b>		Data Science Lead
5a	Evaluate the model <b>Construct</b>	<ul style="list-style-type: none"><li>Determine the success of the model</li></ul>	Data Science Manager
6	Build a machine learning model <b>Construct</b>	<ul style="list-style-type: none"><li>Final model</li></ul>	Data Science Lead
6a	Communicate final insights with stakeholders	<ul style="list-style-type: none"><li>Report to all stakeholders</li></ul>	Data Science Lead Data Manager PM Officer



Course 1: **Foundations of Data Science**

	<div>Execute ▾</div>		
--	----------------------	--	--