# Claims Classification Proposal

## Overview:

The data team's objective is to develop a machine learning model for classifying claims made in videos submitted to the platform.

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

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|---|---|---|---|
| | Analyze ▾ and Construct ▾ | | |
| **3a** | **Visualization building** ▾ <br><br> Analyze ▾ and Construct ▾ | ● Tableau dashboard/visualizations | 2.　Mary Joanna Rodgers- Project Management Officer |
| **4** | **Compute descriptive statistics** <br><br> Analyze ▾ | ● Analysis of testing results between two important variables | 1.　Willow Jaffey- Data Science Lead |
| **4a** | **Conduct hypothesis testing** ▾ <br><br> Analyze ▾ and Construct ▾ | | 1.　Willow Jaffey- Data Science Lead |
| **5** | **Build a regression model** ▾ <br><br> Analyze ▾ and Construct ▾ | | 1.　Willow Jaffey- Data Science Lead |
| **5a** | **Evaluate the model** ▾ <br><br> Construct ▾ | ● Determine the success of the model | 1.　Rosie Mae Bradshaw- Data Science Manager |
| **6** | **Build a machine learning model** ▾ <br><br> Construct ▾ | ● Final model | 1.　Willow Jaffey- Data Science Lead |

| 6a | Communicate final insights with stakeholders  Execute ▾ | ● Report to all stakeholders | 1. Willow Jaffey- Data Science Lead |
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