# Waze Project Proposal

## Overview:

Build a machine learning model 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 Activity) |
|---|---|---|---|
| 1 | Establish structure for project workflow (PACE)<br><br>Plan | • Global-level project document | |
| 1a | Write a project proposal<br><br>Plan | | |
| 2 | Compile summary information about the data<br><br>Analyze | Data files ready for EDA | |
| 2a | Begin exploring the data<br><br>Analyze | | |
| 3 | Data exploration and cleaning | EDA report | |

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| | Plan **and** Analyze | | |
| **3a** | Visualization building  Analyze **and** Construct | Tableau dashboard/visualizations | |
| **4** | Compute descriptive statistics  Analyze | Analysis of testing results between two important variables | |
| **4a** | Conduct hypothesis testing  Analyze **and** Construct | | |
| **5** | Build a regression model  Analyze **and** Construct | | |
| **5a** | Evaluate the model  Execute | Determine the success of the model | |
| **6** | Build a machine learning model  Construct | Final model | |

| 6a | Communicate final insights with stakeholders  Execute | Report to all stakeholders | |
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