

Video Company Project Proposal

Overview

The video company seeks a way to use machine learning to extract claims or propositions within customers' videos and comments and classify each data point as a claim or opinion.

Milestone	Tasks	Deliverables/Reports
1	Establish structure for project workflow (Plan)	Global-level project document
1a	Write a project proposal (Plan)	
2	Compile summary information about the data (Analyze)	Data files ready for EDA
2a	Begin exploring the data (Analyze)	
3	Data exploration and cleaning (Plan & Analyze)	EDA results
3a	Visualization building (Construct & Analyze)	Tableau dashboard/visualizations
4	Compute descriptive statistics (Analyze)	Analysis of testing results between two important variables
4a	Conduct hypothesis testing (Analyze & Construct)	

5	Build a regression model (Analyze & Construct)	Regression model
5a	Evaluate the model (Execute)	
6	Build a machine learning model (Execute)	Final model
6a	Communicate final insights with stakeholders (Execute)	Report to all stakeholders

PROJECT MILESTONES TIME FRAME

Milestone 1: 2 days

Milestone 2: 2-3 weeks

Milestone 3: 1 week

Milestone 4: 1 week

Milestone 5: 1-2 weeks