

Project Proposal

Project Goals

- Develop a machine learning model to classify TikTok content as a claim or opinion.

Key Tasks and Milestones

- Establish PACE workflow.
- Write project proposal.
- Compile data information.
- Explore and clean data.
- Build visualizations.
- Conduct statistical analysis.
- Build and evaluate models (regression and machine learning).
- Communicate insights.

Deliverables

- EDA results.
- Tableau dashboards/visualizations.
- Regression model.
- Machine learning model.
- Project reports.

Stakeholders

- Data Analysis Manager (Rosie Mae Bradshaw).
- Project Management Officer (Mary Joanna Rodgers).
- Data Scientists (Orion Rainier, Willow Jaffey).
- Data Science Lead (Willow Jaffey).

Timeline Considerations

- The proposal acknowledges the difference between estimated course timelines and realistic workplace deadlines, with the latter being much tighter.

Your Approach

- I. **Emphasis on Planning**
 - a. The project highlights the critical importance of the planning phase in data science projects.
 - b. The PACE framework is used as a tool to structure this planning.
- II. **Stakeholder Communication**
 - a. The proposal is designed to clearly communicate the project plan to both the data team and cross-functional stakeholders.
- III. **Iterative Process**
 - a. The proposal recognizes the iterative nature of data science, where steps may be revisited based on findings.