**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**

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