

## TikTok project proposal

### Objective:

Develop a machine learning model to extract claims and opinions from TikTok videos and comments, distinguishing between factual content and subjective expressions. This initiative aims to improve content moderation, recommendation systems, and user engagement on the TikTok platform.

### Methodology:

Data collection and preprocessing, exploratory data analysis (EDA), feature engineering, model development, evaluation and validation.

Planning and Analyzing stage			
Milestone	Tasks	Outcome/Deliverable	Deadlines
Milestone 1	<ul style="list-style-type: none"><li>Outline project workflow</li><li>Select relevant dataset Write project proposal</li></ul>	Stakeholders updated	Monday, 10
Milestone 2	<ul style="list-style-type: none"><li>Data exploration and cleaning</li><li>Descriptive statistics &amp; visualization</li></ul>	Data ready for modeling	Wednesday, 13
Constructing and Executing stages			
Milestone 3	<ul style="list-style-type: none"><li>Finalize modeling strategy</li><li>Build machine learning model</li><li>Test models for accuracy</li></ul>	<ul style="list-style-type: none"><li>Machine learning model Stakeholders updated</li></ul>	Friday, 15
Milestone 4	<ul style="list-style-type: none"><li>Finalize results</li><li>Share findings with stakeholders Incorporate feedback</li></ul>	<ul style="list-style-type: none"><li>Visualization</li><li>Executive summary Presentation results</li></ul>	Monday, 18