



TikTok 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) |
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| 1 | Establish structure for project workflow (PACE) Plan | <ul style="list-style-type: none">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 | EDA report | |



Course 1: Foundations of Data Science

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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 | |



Course 1: Foundations of Data Science

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| 6a | <p>Communicate final insights with stakeholders</p> <p>Execute</p> | <p>Report to all stakeholders</p> | |
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