



Machine Learning Model for Claims Classification Proposal

Overview:

TikTok seeks a way to use machine learning 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) |
|-----------|---|---|--|
| 1 | Establish structure for project workflow (PACE) Plan | <ul style="list-style-type: none">Global-level project document | Rosie Mae Bradshaw — DS Manager |
| 1a | Write a project proposal Plan | | Mary Joanna Rodgers — PM Officer |
| 2 | Compile summary information about the data Analyze | Data files ready for EDA | Orion Rainier- Data Scientist |
| 2a | Begin exploring the data Analyze | | Orion Rainier- Data Scientist |



Course 1: Foundations of Data Science

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| 3 | Data exploration and cleaning Plan and Analyze | EDA report | Orion Rainier- Data Scientist |
| 3a | Visualization building Analyze and Construct | Tableau dashboard/visualizations | Mary Joanna Rodgers — PM Officer |
| 4 | Compute descriptive statistics Analyze | Analysis of testing results between two important variables | Willow Jaffey — DS Lead |
| 4a | Conduct hypothesis testing Analyze and Construct | | Orion Rainier- Data Scientist |
| 5 | Build a regression model Analyze and Construct | | Willow Jaffey — DS Lead |
| 5a | Evaluate the model Execute | Determine the success of the model | Rosie Mae Bradshaw — DS Manager |
| 6 | Build a machine learning model | Final model | Willow Jaffey — DS Lead |



Course 1: Foundations of Data Science

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| | Construct | | |
| 6a | Communicate final insights with stakeholders Execute | Report to all stakeholders | Willow Jaffey — DS Lead |

Milestone 1: 1-2 days

Milestone 2: 2-3 weeks

Milestone 3: 1 week

Milestone 4: 1 week

Milestone 5: 1-2 weeks



Disclaimer:

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