Wildfire Prediction Project Proposal

Objective

Milestone 4

This project is aimed at developing a wildfire prediction engine that will improve the capabilities of the current prediction methods for the National Parks Service.

Planning and Analyzing stages			
Milestone	Tasks	Outcome/Deliverables	Estimated Time
Milestone 1	 Project workflow is outlined Data is gathered from various sources Software/hardware needs are identified 	Stakeholders are updated	2–3 weeks
Milestone 2	Data is scrubbed, converted, and formatted	 Database ready for modeling Stakeholders are updated 	2–3 weeks
	Constructing	and Executing stages	
Milestone 3	 Modeling and machine learning decisions are finalized Model is constructed Machine learning techniques are tested and retested for accuracy 	 Machine learning model Stakeholders are updated 	4 weeks
	Results are finalized	 Visualizations 	

Findings are shared with

Feedback is incorporated

stakeholders

Visualizations

Results

Executive summary

3 weeks