Cloud Burst Prediction System

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Abstract: *This project focuses on building a smart system that helps predict cloudbursts - sudden, intense rainfall events that often lead to disasters like floods and landslides. Using both current and past weather data, the system applies artificial intelligence to recognize patterns that signal a possible cloudburst. This helps meteorologists and emergency teams respond more effectively and sooner. The tool is built to keep learning and updating itself with new data, making it more reliable over time*

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