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Cloud Burst Prediction System

Mrs. Indra Adak, Nishanth Kumar, Pratyush Kumar Sharma, Priyanshu Mishra

Assistant Professor, Department of Computer Science & Engineering¹
Student, Department of Computer Science & Engineering^{2,3}
Raj Kumar Goel Institute of Technology, Ghaziabad, India

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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