AI-Based Hazard Reporting and Prioritization System

Visvesvaraya Technological University

Dayanand Sagar Academy of Technology and Management

Bachelor of Engineering in

Computer Science & Engineering (Artificial Intelligence)

Mini Project Report

Submitted by: STUDENT NAME (USN)

Under the guidance of: Prof. GUIDE NAME

Certificate

This is to certify that the Mini Project entitled "AI-Based Hazard Reporting and Prioritization System" has been carried out by STUDENT NAME (USN), a bonafide student of Dayanand Sagar Academy of Technology and Management,

in partial fulfillment for the award of the Bachelor of Engineering in Computer Science & Engineering (Artificial Intelligence).

Acknowledgment

I express my sincere gratitude to my guide Prof. GUIDE NAME for their invaluable guidance and support.

I thank the Department of Computer Science & Engineering (Artificial Intelligence) and my institution for providing me with the

resources and encouragement to complete this project.

Abstract

This project proposes an AI-based hazard reporting system that automates hazard classification and prioritization using

NLP models and real-time data. Leveraging BERT for hazard classification and traffic data for urgency prediction,

the system ensures faster response times and improved public safety.

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