

Survey on Analysis of Safe Path on the Basis of Social Media Data

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Abstract: In today's world the events like victimization and unlawful and illegal activities have become the notions of prime concern from the point of view of the safety of mankind. Sensible, reliant, and smart systems have been seen as emerging giants which may be used expeditiously for private security. A bunch of the latest apps is developed to produce a security system for girls via their phones and other smart devices like smart watches and smart gadgets. As per the reports and records of the World Health Organization (WHO) and the National Crime Records Bureau (NCRB) a social government organization, 35 percent of girls everywhere on the planet square measure are facing a great deal of unethical Physical Harassment in public places like Railways, Bus- stands and pathways, transportation corridors, etc. During this Paper, we've got reviewed assorted existing systems on security in general for everyone that is, in a generalized manner irrespective of gender. We've got fade a requirement for an advanced overall generalized security system that provides safe live public places likewise as traveling alone through public transport such as college Buses, Company Vehicles, rickshaws, cabs, trains, and personal automobiles. This paper projects a brand-new model for security in public places that aims to provide the safest of the available routes from the source to the destination (as entered by the user) by analyzing, studying, and classifying the information from various data facets and data domains. The prime role-playing technology behind the working model is the field of Machine Learning (ML) and Deep Neural Networks (DNN). To improve safe path management, it is critical to develop a real-time safe path analysis system that can detect, classify and predict the route, and detect the safest paths at any given time. In this study, a multidimensional detection and prediction approach was proposed to achieve these requirements by offering numerous varieties of ways to access them.

Keywords: Safe Path Analysis , Machine Learning , Support Vector Machine

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