

Literature Survey

Title and Year	Problem Statement	Methodology	Results	Gaps Identified
1. Multiagent Dynamic Task assignment based on Forest Fire point model	In today's world it is urge for detecting the fire it leads to more related application	Machine Learning, AI and Online Forest Fire detection System	It is will be precious and potentially profitable for e-commerce	It is not well-structured and uniform objective metric to assess the results.
2. An Improved Forest Fire Monitoring Algorithm With Three-Dimensional Otsu	It is developed in order to reduce a demand and make much possibilities available in online to detect the Forest Fire	Recommendation system and utility function	It categorizes them according to the task and presents a unique collection of challenges and sub-problems pertinent	Need to recommend product based on customer choices
3. Class Activation Map-Based Data Augmentation for Satellite Smoke Scene Detection	It is based on web multimedia mining and recommendation to find most suitable for detecting the fire	Recommendation system	Gives most suitable for detecting the fire in choices based on virtual space based on multimedia mining	Time taken should be high to complete the three stand-alone model

4. A Quadratic Morphological Deep Neural Interfusing Radar and Optical Data for Mapping of Burned Areas	Oriented towards technology contains AI system operates personal assistant	AI (personal Assistant), Data Clustering, recommendation system	Recommend product based on personal assistant data	To extend there is a need of new datasets and methods
5. Data collection Task planning of a fixed-wing Forest Fire Monitoring	It was designing, building, and deploying two recommender systems to serve Millions of customers.	CNN, recommendation system	To generate relevant recommendation on based on the style of our users.	Accuracy of recommendation on should be less
6. A Methodology for Protection of Trees Against Lightning Strikes as a Measure to Prevent Fires and Loss of Human Life	Based on "Image-based forest fire recommendation system" have huge inline retailers	Filtering technique, Deep Neural method	Product using recommendation on by using image processing	Approximate product is recommended
7. Bushfire Risk Detection using Interest of things:An Application	The application aims using image of clear picture given input by user for recommendations	Artificial Intelligence, Deep Learning, Deep Neural Network(DNN) and Fuzzy Technique.	Contains four tasks to recommend effectively	Image processing and recommendation on system is a crucial tool to recommend customer

8. Early Forest Detection Using Machine Learning Algorithms	Input taken as image and generate output on recommendation	Neural Network and RetNet50	Have a great accuracy of the model with low error and recommends a product based on the visual inputs	Deep Fashion dataset is used and need new datasets for more accuracy
9. Early Detection of Forest Fire Using Mixed Learning Techniques and UAV	Image's use as input for query and recommend the nearest image of the product	Content Based Information Retrieval (CBIR), CNN and deep Learning	High accuracy and it can enables a enough suggestions based on user request	Enough datasets need to added for accurate image
10. Surveillance Systems For Forest Fire Detection Using UAV	Developed using deep learning for customer with different body and choose based on user need	Forest fire recommendation system, Deep learning, and Pre-trained CNN models	Advanced recommender system with help business people	In future include male and non-binary Fashion items including apparel, footwear, accessories etc.