

## PROJECTS ON ARTIFICIAL INTELLIGENCE - 2020

1. Indoor Mapping and Navigation Robot Build with ROS and Nvidia Jetson Nano -AI Projects
2. AI based Conversational robot for Blind Assistance -Jetson Nano -AI Projects
3. AI Recognition in Skin Pathologies Detection -Artificial Intelligence projects -AI Projects
4. AI System for Prediction and Recommendation of Diabetes using Matlab
5. AI based Activity Monitoring and Unusual Activity Detection for Elderly Homes -AI Projects
6. Indoor Mapping and Navigation Robot Build with ROS and Nvidia Jetson Nano -AI Projects
7. Intelligent Vision-based parking management system using Jetson nano-Jetson nano projects
8. Offline Speech Recognition using Jetson nano - Jetson nano projects
9. Automatic License Plate Recognition using Jetson Nano -Nvidia Jetson nano projects
10. Real time Fruit Classification using Jetson Nano -nvidia jetson nano projects
11. Reading eye for the blind-Text to speech Converter using nvidia jetson nano
12. Tiny YOLO v2 Inference Application with NVIDIA TensorRT
13. Real-time Human Pose Estimation on Jetson Nano -AI Projects-Jetson Nano Projects
14. AI based fully Automated Attendance Machine using Jetson Nano- Jetson nano projects
15. Dark channel prior based video dehazing algorithm and its embedded system realization for ADAS applications -Jetson Nano Projects
16. Gesture recognition using Jetson Nano
17. Face Expression Detection using Nvidia Jetson Nano
18. Vehicle detection using Jetson Nano
19. Locking Object Position using Camshift Algorithm for Automatic Trolley-Jetson nano -AI Projects
20. Design of Infrared Anomaly Detection for Power Equipment Based on YOLOv3 - Jetson Nano- AI Projects

21. Real Time Vehicle Classification And Localization Using Edge Computing-AI Projects- Jetson nano Projects
22. Pedestrian Detection for Autonomous Vehicle using Jetson Nano -AI Projects
23. Real Time Drowsy detection using Jetson Nano
24. Google Voice Assistance using Re-speaker with Raspberry Pi
25. Deep learning-based text classification -Deep learning Projects -Natural language processing projects- Matlab
26. Real Time YOLO V2 based fruit classification model.
27. Real Time Deep learning-based Vegetable classification system.
28. CNN based Movie Recommender system like NETFLIX.
29. Predictive Modelling& Classifiers Projects:
  - ❖ Figuring Out Which Employees May Quit (Retention Analysis)
  - ❖ Figuring Out Which Customers May Leave (Churn Analysis)
  - ❖ Who do we target for Donations?
  - ❖ Predicting Insurance Premiums
  - ❖ Predicting Airbnb Prices
  - ❖ Detecting Credit Card Fraud
30. Four (4) Data Science in Marketing Projects:
  - ❖ Analyzing Conversion Rates of Marketing Campaigns
  - ❖ Predicting Engagement - What drives ad performance?
  - ❖ A/B Testing (Optimizing Ads)
  - ❖ Who are Your Best Customers? & Customer Lifetime Values (CLV)