

Beginner Data Science/AI Project Ideas

1. House Price Prediction
2. Sentiment Analysis on Movie Reviews
3. Iris Species Classification
4. Customer Segmentation
5. Titanic Survival Prediction
6. Handwritten Digit Recognition
7. Spam Email Detection
8. Sales Forecasting
9. Stock Price Prediction
10. Exploratory Data Analysis on a Public Dataset
11. Loan Default Prediction
12. Heart Disease Prediction
13. Weather Data Analysis
14. Image Classification with CIFAR-10
15. Music Genre Classification

Intermediate Data Science/AI Project Ideas

1. Recommendation System for Movies
2. Text Summarization
3. Churn Prediction for Telecom Customers
4. Face Recognition System
5. Fraud Detection in Financial Transactions
6. NLP-based Chatbot
7. Time Series Forecasting for Energy Consumption
8. Object Detection in Images
9. Sentiment Analysis on Social Media Data
10. Credit Risk Assessment
11. Customer Lifetime Value Prediction
12. Speech Recognition System
13. E-commerce Product Recommendation
14. Human Activity Recognition
15. Anomaly Detection in Network Traffic

Advanced Data Science/AI Project Ideas

1. Generative Adversarial Networks (GANs) for Image Generation
2. Natural Language Processing with Transformers
3. Autonomous Vehicle Navigation
4. Real-time Object Detection and Tracking
5. End-to-End Speech-to-Text System
6. Reinforcement Learning for Game Playing
7. Deep Learning for Medical Image Analysis
8. Machine Translation System
9. Video Captioning and Summarization
10. AI for Predictive Maintenance
11. Personalized Recommendation System using Deep Learning
12. Deep Reinforcement Learning for Robotics
13. AI-driven Fraud Detection in Real-Time
14. Ethical AI and Bias Mitigation
15. Self-learning AI Agents