ALL Project List:-

1. **Stock Price Predictor**
    - Develop a model that predicts stock prices based on historical data.
    - Use linear regression or more advanced techniques if desired.
2. **Sentiment Analysis on Twitter Data**
    - Build a sentiment analysis tool to classify tweets as positive, negative, or neutral.
    - Use Natural Language Processing (NLP) libraries like NLTK or SpaCy.
3. **Handwritten Digit Recognizer**
    - Train a Convolutional Neural Network (CNN) to recognize handwritten digits using the MNIST dataset.
    - Useful for learning about image processing and CNNs.
4. **Movie Recommendation System**
    - Build a simple recommendation system that suggests movies based on user ratings or genres.
    - Implement collaborative filtering or content-based filtering techniques.
5. **Customer Churn Prediction**
    - Predict whether a customer will leave a service based on historical data.
    - Use classification techniques to analyze customer behavior and identify key factors.
6. **Chatbot for Customer Service**
    - Develop a rule-based or simple NLP-based chatbot for answering basic customer queries.
    - Great for understanding basic NLP techniques and chatbot design.
7. **Spam Email Classifier**
    - Train a model to detect and filter spam emails based on email content.
    - Use techniques like Naive Bayes or Support Vector Machines (SVM) for classification.
8. **Image Classifier for Fruits**

    - Build a model to classify different types of fruits (e.g., apple, banana, orange) from images.
    - Use a small dataset and CNNs for image classification.

9. **Weather Data Analysis and Prediction**
    - Analyze historical weather data and predict future temperature trends.
    - Useful for working with time series data and basic regression techniques.

10. **Speech-to-Text Transcription**

- Create a simple tool that converts audio recordings into text.
- Use basic libraries for speech recognition (e.g., SpeechRecognition in Python).