PROJECT

About Lesson

Do *any one* of following Projects

1. **Spam Email Classifier** – Use NLP to build a model that classifies emails as spam or not.
2. **Sentiment Analysis Tool** – Develop a model to analyze sentiments in text data, such as movie reviews.
3. **Chatbot** – Create a simple chatbot that can answer questions or hold basic conversations.
4. **Face Detection System** – Use OpenCV and machine learning to detect faces in images.
5. **Handwritten Digit Recognition** – Train a model to recognize handwritten digits using the MNIST dataset.
6. **Stock Price Prediction** – Build a model to predict stock prices using historical data.
7. **Movie Recommendation System** – Create a recommendation engine based on user ratings.
8. **Product Review Analyzer** – Classify product reviews as positive, negative, or neutral.
9. **Language Translation** – Build a simple translator for phrases using NLP libraries.
10. **Image Classification** – Use a dataset (like CIFAR-10) to classify objects in images.
11. **Personalized News Recommendation** – Recommend articles based on user interests.
12. **Color Detection** – Identify colors in images and display their names.
13. **Recipe Suggestion Based on Ingredients** – Suggest recipes based on a list of available ingredients.
14. **Customer Segmentation** – Use clustering to segment customers based on behavior.
15. **Weather Forecasting Model** – Use past weather data to predict future weather patterns.
16. **Fake News Detection** – Train a model to classify news as fake or real.
17. **Voice Recognition System** – Recognize specific commands or keywords from voice input.
18. **Real-time Object Tracking** – Use OpenCV to track an object in a live video feed.
19. **Text Summarizer** – Generate short summaries of longer texts.
20. **Health Monitoring App** – Predict potential health issues based on sensor data (like heart rate or activity level).