

# Lecture X - Programming Projects

## Programming with Python

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## **Quick Recap of the last Lecture**

# Project Ideas

# **Project 1: Data Analysis and Visualization**

## **Project 2: Web Scraping and Data Collection**

# **Project 3: Machine Learning Model Development**

## **Project 4: Web Application Development**

## **Project 5: AI Chatbot Development**



# **Project 6: Computer Vision and Image Processing**

## **Project 7: Robotics and Automation**

## **Project 8: Scientific Computing and Simulation**

# **Project 9: Game Development with Python**

# **Project 10: Big Data Analytics and Processing**