































🌟 30 Days, 30 Projects

Day	Theory Session	Main Project	Assignment	Name
Day 1	Python Basics + Colab Setup	🧠 Number Guessing Game	🎮 Build a simple quiz game	Krishna
Day 2	Conditional Statements & Loops	1234 📄 Odd-Even Checker + Pattern Generator	📊 Multiplication table	Devanshi
Day 3	Functions in Python	📊 Calculator App	🧠 Build BMI Calculator	Ridhhi
Day 4	Lists, Tuples & Dictionaries	📄 Student Record System	📁 Inventory Manager	Avi
Day 5	File Handling	📄 Create a Resume Builder (Text-based)	📄 Store user feedback to a file	Shivam
Day 6	Object-Oriented Programming	🏫 School Management System	📚 Library Management	Sanjana
Day 7	Python Libraries Overview (NumPy, pandas)	📊 Basic Data Analyzer (CSV reader)	📊 Student Marksheet Analyzer	Ankit
Day 8	Introduction to ChatGPT	💬 ChatGPT-powered FAQ Bot (no RAG)	🤖 Build a chatbot for your college	Shivam
Day 9	Prompt Engineering Basics	🧠 Quiz Generator using GPT	📄 Chatbot that converts English to code	Shivam
Day 10	Basic Chatbot Deployment	🤖 Chatbot for Product Recommendation	🛒 Create a travel suggestion bot	Shivam

Day	Theory Session	Main Project	Assignment	Name
Day 11	Pandas for Data Analysis	📊 Sales Data Analyzer	📄 Student Attendance Tracker	Riddhi
Day 12	Matplotlib & Visualization	📊 Interactive Graph Dashboard	📊 COVID-19 Data Plotter	Riddhi
Day 13	Intro to Machine Learning	🎯 Iris Flower Classifier	🔍 Titanic Survival Predictor	Riddhi
Day 14	Data Preprocessing	🏠 House Price Estimator	🧼 Clean and visualise a dataset	Riddhi
Day 15	Scikit-learn Basics	🧠 Emotion Predictor using Text	🤖 Spam Message Classifier	Devanshi

Day	Theory Session	Main Project	Assignment	Name
Day 16	Streamlit Intro	 Deploy Your ML App on Web	 Build BMI calculator with UI	Devanshi
Day 17	Advance Streamlit + Forms	 Feedback Collector Web App	 Resume Uploader + Rating App	Devanshi
Day 18	Google Teachable Machine	 Image Classifier (e.g., Mask vs No Mask)	 Dog vs Cat Classifier	Sanjana
Day 19	Image Classification (Python + OpenCV)	 Face Recognition App	 Emotion Detector	Sanjana
Day 20	MediaPipe & Pose Estimation	 Yoga Pose Detection	 Correct Posture Detector	Krishna

Day	Theory Session	Main Project	Assignment	Name
Day 21	ChatGPT + Retrieval-Augmented Generation (RAG)	 Build a QnA Chatbot over Custom PDFs	 Resume-based Job Recommender	Ankit
Day 22	OpenAI Embeddings + LangChain	 Semantic Search Bot	 Notes Assistant (Ask your Notes)	Avi
Day 23	CV + Streamlit Project	 Defect Detector for Fabric (Basic CNN)	 Rusty vs Shiny Metal Detector	Shivam
Day 24	Hugging Face Basics	 Sentiment Analyzer	 Twitter Emotion Detector	Shivam
Day 25	Face Recognition API	 Live Face Detection in Video Stream	 Face Detection Attendance System	Avi

Day	Theory Session	Main Project	Assignment	Name
Day 26	Google Sheets API + Chatbot	 Excel-Sheet to WhatsApp Bot	 Chatbot to log expense in Sheet	Avi
Day 27	Resume Building with AI	 Auto Resume Generator	 Cover Letter Generator	Krishna
Day 28	NLP Applications	 Text Summarizer	 News Article Rewriter	Krishna
Day 29	Final Project Ideation & Grouping	 Choose Your Final Project Topic	 Project Proposal Submission	
Day 30	Final Project Presentation	 Group Presentations + Certificates	 Peer Review & Internship Feedback	