

ARCH TECHNOLOGIES

Sharpening your hidden skills for a brighter future

Artificial Intelligence

Artificial Intelligence (AI) involves learning to develop systems that mimic human intelligence, using tools like Python, TensorFlow, or PyTorch for tasks like machine learning, natural language processing, and computer vision. You'll learn algorithms, neural networks, and data processing to create intelligent applications. It is important for automating complex tasks, driving innovation in healthcare, finance, and robotics, and transforming industries with data-driven solutions.

Task 1: Iris Flower Classification

Use the Iris dataset available on Kaggle and build a machine learning model to classify iris flowers into their species based on features like petal length, petal width, sepal length, and sepal width. Your task is to preprocess the data, train the model, and evaluate its accuracy.

Task 2: Housing Price Prediction

Using the California housing dataset, also available on Kaggle and build a machine learning model to predict house prices based on features like location, number of rooms, and population. Your task is to clean data, select important features, train the model, and evaluate its accuracy.

Submission Details:

- Make a ZIP or RAR file of the Code or any related things (if any), or share a GitHub repository link. Email it to submissions.archtech@gmail.com before the 27th of this month.
- For any technical queries or challenges faced during task completion, Email your questions to queries.archtech@gmail.com Our team will do our best to assist you.