ARCH TECHNOLOGIES

Sharpening your hidden skills for a brighter future

Machine Learning

Machine learning involves learning to build algorithms that enable systems to learn from data, using tools like Python, scikit-learn, or TensorFlow for tasks like classification, regression, and clustering. You'll master techniques such as supervised and unsupervised learning, model evaluation, and feature engineering. It's important for automating decision-making, powering innovations in fields like healthcare, finance, and autonomous systems, and driving data-driven solutions.

Task 3: Housing Price Prediction

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

Task 4: Iris Flower Classification

Use the Iris dataset, 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.

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.