



CODTECH IT SOLUTIONS **INTERNSHIP TASKS**

We are your one-stop shop for all things digital. We specialize in creating beautiful, functional websites that help small businesses grow and thrive online.

DATA SCIENCE TASK ONE

CREDIT CARD FRAUD DETECTION

Build a machine learning model to identify fraudulent credit card transactions. . Preprocess and normalize the transaction data, handle class imbalance issues, and split the dataset into training and testing sets. .Train a classification algorithm, such as logistic regression or random forests, to classify transactions as fraudulent or genuine.Evaluate the model's performance using metrics like precision, recall, and F1-score, and consider techniques like oversampling or under sampling for improving result.Additionally, Imagine you've been tasked with creating comprehensive documentation for a CREDIT CARD FRAUD DETECTION project.Your documentation should include detailed explanations of the code along with images illustrating the program's execution and user interactions.



DATA SCIENCE TASK TWO

TITANIC SURVIVAL PREDICTION

Use the Titanic dataset to build a model that predicts whether a passenger on the Titanic survived or not. This is a classic beginner project with readily available data. . The dataset typically used for this project contains information about individual passengers, such as their age, gender, ticket class, fare, cabin, and whether or not they survived..Additionally, Imagine you've been tasked with creating comprehensive documentation for a TITANIC SURVIVAL PREDICTION project.Your documentation should include detailed explanations of the code along with images illustrating the program's execution and user interactions.



INSTRUCTIONS

- **COMPLETE TWO TASK THAT GIVEN TO YOU WITHIN DEAD LINE .**
- **POST YOUR OFFER LETTER IN LINKEDIN.AND ADD THIS EXPIRENC IN EXPIRENC DASHBOARD OF LINKEDIN.**
- **STORE YOUR CODE IN GITHUB.SHARE THE URL AT THE TIME OF SUBBMISSION !**
- **DOCUMENTION SAMPLE WILL BE PROVIDED IN WHATSAPP GROUP.**
- **THE DOCUMENTION SHOULD BE MINIMUM 5 PAGES.**
- **ANY QUIRES CONTACT WHATSAPP GROUP ADMINS .**

THANK YOU !

