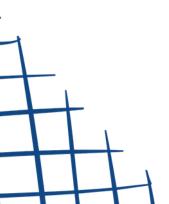# Data Science

About Us

At Digital Empowerment, we envision a future where youth are equipped with the skills, knowledge, and mindset needed to thrive in a rapidly evolving world. Our mission is to bridge the digital divide, foster leadership development, and enhance academic growth, empowering young minds to realize their full potential.

To achieve this, we offer comprehensive virtual internships across various domains, providing students with invaluable hands-on experience and practical skills essential for success. Furthermore, we are committed to assisting exceptional students in securing careers at prestigious companies, helping to launch their careers and build a brighter future for themselves and future generations.

www.digitalempowermentpakistan.com

Instructions

1. Enhance your online presence by updating your LinkedIn profile.

2. For successful completion of the internship, complete one level (Level 1, 2, or 3) of the Data Science internship at your own pace.

3. Keep your tasks organized in a separate GitHub repository named "DEP" and share the link in the task submission form.

4. Utilize online resources like Google Search, tutorials, and videos to assist you in completing the tasks.

Task

Heart Disease Prediction :

Objective:

Develop a model to predict the likelihood of heart disease based on patient health data and demographic information.

Description:

Use a dataset containing patient features such as age, sex, cholesterol levels, blood pressure, and other relevant health indicators to train a model that can estimate the risk of heart disease.

Key Steps:

- Data cleaning and preprocessing
- Exploratory data analysis (EDA) to identify key risk factors
- Feature engineering and selection
- Model training (e.g., logistic regression, decision trees)
- Model evaluation and tuning
- Implementing the model for practical healthcare applications