Sanjay K

Data Analysist
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HackerRank | **Linkedin** | **GitHub** | **Portfolio**

Education

Panimalar Engineering College Chennai,TamilNadu
Computer Science BE Nov/2021 - Present
CGPA: 8.4

Experience

INTERNSAAVY | Data Analysist Intern Chennai(remote) | Aug/2023 - Sept/2023

I successfully completed three important projects
as an Internsavvy intern, demonstrating my mastery of data analysis

Prediction of Graduate Admission:
Developed a predictive model using advanced statistical techniques to forecast graduate admission likelihood. Analyzed historical data and implemented machine learning algorithms for accurate predictions, demonstrating expertise in data-driven decision-making for admissions processes.

Classifying Customer Details Using Clustering Algorithms:
Implemented clustering algorithms to categorize customer details, contributing to enhanced customer segmentation. By employing techniques such as K-means clustering, I effectively organized and classified customer data. providing valuable insights for targeted marketing strategies and personalized customer experiences.

Prediction of Cricket Player Performance:
Employed data analysis and predictive modeling to assess and forecast cricket player performance. Analyzed player statistics, identified key performance indicators, and utilized machine learning algorithms to predict player outcomes. demonstrated versatility in applying analytical techniques to sports
analytics for informed decision-making

Skills

Programming Languages:	c, java, Python, Machine Learning(Python)
Libraries/Frameworks:	Numpy, Pandas, Matplotlib, Seaborn, Decision Tree Algorithm, Random Forest, Hypothesis Testing, Data Visulazation
Tools / Platforms:	Git, Pychram, Kaggle, Jupyter, Excel
Databases:	SQL

Projects / Open-Source

Titanic Analysis Project | Link *python, Machine Learning.*

The Titanic dataset is a classic dataset used for machine learning and data analysis. It contains information about passengers on the Titanic. accomplished a thorough examination of the Titanic dataset, illuminating important variables that affected passenger survivability. After careful analysis, significant patterns surfaced, showing that certain ticket classes and demographics were associated with higher survival rates. These discoveries not only broaden our comprehension of past occurrences but also provide insightful information about the workings of catastrophe response.

Number Plate Detection Using CNN | Link *Python, Neural Network*

Developed a license plate recognition (LPR) system using computer vision and deep learning. Acquired input image, preprocessed for noise removal and contour analysis, with improved contour detection for character segmentation. Employed a convolutional neural network (CNN) for character categorization, predicting alphanumeric characters on the license plate. It display the character and includes voice output in the system

Certifications

- AI FOR REAL WORLD APPLICATION - **Tcs Ion**
- Data Analysis - Nptel.