

Abdur Rahman Irshad

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SKILLS & EXPERTISE

Skills: Data Analytics, Data Visualization, Marketing Analytics, leadership, teamwork, time management, project management (Agile methodologies: Scrum), Business Intelligence, Forecasting, Database Designing, Web Scraping, Financial Management
Software/Apps: Python, R, Power BI, Tableau, SQL, Alteryx, Git, Excel, SSMS, IBM SPSS

PROFESSIONAL EXPERIENCE

TRANSACTION RISK ANALYST, BRI - Amazon

2020 - 2022

- Managed risk control and fraud prevention processes, reducing fraudulent orders by 40%
- Proactive use of proprietary software to secure online transactions and protect customer accounts
- Performed data analysis and data visualization, including regression analysis on a dataset of 1 million+ records
- Optimized campaigns for fraud trends identification
- Partnered with cross-functional teams to enhance user experience and resolve technical issues
- Achieved a 25% improvement in overall customer satisfaction

PROJECTS:

Prediction of price of used cars using linear regression - R

- Utilized Linear Regression using R programming to estimate Market price estimation of pre-owned Toyota Corolla
- Iteratively performed linear regression modeling, refining insights across three cycles
- Optimized model by strategically splitting data into 80% training and 20% testing sets
- Explored and fine-tuned four distinct models for optimal price prediction
- Increased selling price of a used car by a remarkable 30%

Web Scraping of E-commerce website to analyze prices of laptops with best deals - Python, Web Scraping

- Extracted data of 30000 Laptops from web using Python and developed a structured data frame
- Generated a CSV file to facilitate comprehensive data organization, data cleaning, data analysis, and data visualization
- Leveraged Python libraries like Pandas, Requests, Matplotlib for data scraping and extraction of pertinent information
- Employed data analysis techniques to uncover insightful trends, in identification of most budget-conscious laptop
- Identified five cost-effective laptops resulting in a 25% cost savings for customers in laptop purchases

EV Solutions: Innovative Charging Infrastructure Project - Project Management

- Developed a pioneering EV charging system that met growing accessibility demands and provided efficient operations
- Led user interface design of a mobile app using GPS, resulting in a user-friendly experience for EV drivers
- Enabled seamless EV charging station locating, battery percentage monitoring, and secure payment
- Contributed to delivering accessible EV charging infrastructure, addressing charging demands
- Enhanced customer experience of locating a charging station by 40%

ACADEMIC EXPERIENCE

GRADUATE ASSISTANT, DEPT OF IS - California State University, Fullerton

2022 -

Present

- Collaborated with department chair to visualize research data for Analysis-focused courses
- Achieved a 50% increase in student enrollment for analytical courses using data analytics and industry partnerships
- Spearheaded initiatives to improve enrollment and enhance education in field of analysis

TREASURER - Data Science and Machine Learning Club

2023 - Present

- Analyzed 10 quarters of financial data using Tableau to facilitate well informed decision-making
- Collaborated with club president to ensure seamless budgetary planning for upcoming events
- Communicated financial requirements and propositions to 5 committees, resulting in approval of all funding requests

EDUCATION

California State University, Fullerton

Master of Science in Information Systems, Analytics (GPA 3.5)

Jawaharlal Nehru Technological University

Bachelor of Technology in Mechanical Engineering

Fullerton, California

May 2024

India

September 2020