Anup Painuly

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EDUCATION

Zeal Education Society's DCOER August 2015
Bachelor of Engineering in Mechanical Engineering *66.66 %*

RELEVANT COURSEWORK

Course Name: Post Graduation Diploma from CDAC, *2023* *75 %*
Modules: Linux And Cloud Computing, Object-Oriented Programming with Java, Python and R Programming, Advance Analytics Using Statistics, Data Visualization - Analysis And Reporting, Data Collection And DBMS, Big Data Technologies, Practical Machine Learning

TECHNICAL SKILLS

Languages: Python, R, Java, C/C++
Libraries: pandas, NumPy, Matplotlib, seaborn, scikit-learn, pySpark
Cloud/Databases: MySQL, Mongodb, AWS, Docker
Development Tools: Git/GitHub, Bash Shell, Tableau, Microsoft Excel, Jupyter Notebook, Google Colab

PROJECTS

Network Anomaly Detection System | *Python, flask API, Git, AWS* August 2023
- The Network Anomaly Detection System (NADS) project combines Python programming and Machine Learning techniques to create an effective network security solution
- The NADS system consists of three main components: data collection, feature engineering, and anomaly detection
- Post the hyper tuning of the algorithms, The best Model was deployed on AWS with the help of flask API
- Published to GitHub: https://github.com/AnupPainuly/Network_Anomaly_Detection_System

Peer to Peer Lending Analysis | *Python, Git* September 2023
- This study explores a loan dataset from a peer-to-peer lending platform with 114,000 loans and 81 variables
- It investigates loan amounts, interest rates, borrower characteristics, and loan categories and various other features with univariate and bivariate analysis
- The objective is to extract valuable insights that can empower investors and borrowers by providing a deeper understanding of loan dynamics and risk factors within the ecosystem
- Published to GitHub: https://github.com/AnupPainuly/Peer-to-Peer-Lending-Analysis

Bike Sharing Membership Convergence | *R Programming, Tableau* October 2021
- Conducted data analysis on the bike sharing data to gain insights in order to convert casual riders into members
- Used R programming language for data pre-processing and visualization dashboards were created using Tableau
- Published to GitHub:https://github.com/AnupPainuly/Case_Study_Bike_Sharing

EXPERIENCE

Flextronics | *Senior Analyst* December 2015 – May 2021

- Lead two kaizen workshops of process improvement which resulted in 20% and 75% process time improvement respectively along with 2 FTE savings
- Five why analysis, Pareto, PDCA, Value stream mapping and Microsoft Excel VBA was employed in these projects
- Productivity Metrics analysis & improvement. Lead implementation of solutions that drove efficiency through standardization, elimination, and simplification.

Sakon | *Senior Analyst* May 2021 – March 2022

- Responsible for understanding and building wire-line inventory across global telecommunication providers. Maintaining the inventory and raising flags in case of discrepancies
- Performed various analytical and reporting functions using proprietary tools and software