ABDUS SAMAD

Data Analyst

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in www.linkedin.com/in/abdus-samad-abdullah   ○ https://github.com/abdullahsamad95

PROFESSIONAL SUMMARY

Data analyst with **2+ years of experience in verifying complex data, maintaining databases, and producing monthly reports** using advanced **Excel functions**. Known for **ensuring speedy output, keen eye for detail**, and the ability to keep both the clients and employers happy.

TECHNICAL EXPERTISE

Languages: Python, Html5, CSS   Data Bases: MySQL, Data Modelling

Packages: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, StatsModels, Beautiful Soup

Statistics/ML: Linear & Logistic Regression, Hierarchical Clustering, Decision Tree, Random Forest, XGBoost

Tools: Tableau, Advanced Excel, PowerPoint   Big Data Stack : Hadoop, AWS, Hive, MondoDB, MapReduce, Linux

KEY SKILLS

Maths (statistics and probability)   Database design and management   Data Visualization   Business intelligence (BI)

Regression analysis   Classification analysis   Data science research methods   Stakeholder Management

Leadership & Training   Data Analysis   Financial Analysis

EDUCATION

Post Graduation Diploma in Data Science   Mar 2020 - Apr 2021

IIIT-Bangalore   Bengaluru,IN

Inferential Statistics, EDA, Hypothesis Testing, Regression, Clustering, Dimensionality Reduction, Decision Tree, Ensembles

B.E | C.S.E   Aug 2014 - Jun 2018

Osmania University   Hyderabad,IN

CERTIFICATIONS

- Certificate of Completion - **Amazon Web Services** - IntelliPaat Certificate ID- **31679-91118-72486**
- Certificate of Participation in **VLSI DESIGN** Techniques.
- Certificate of Participation in **UML based software development using Rational Rose**.
- Intermediate level Certification in **C** and Core **Java**.

PROFESSIONAL EXPERIENCE

Associate Software Engineer Aug '20 - Present   Aug 2020 - Present

QTAT IT & SOFTWARE SOLUTIONS LLP   Hyderabad, IN

- Creating back end scripts for clients using **Nice in Contact CXone Studio** software.
- Efficiently deployed and integrated software and updated scripts to improve continuous integration.
- Boosted productivity and cut production cost by **10%** by deploying data modelling hnd reporting tools.
- Maintained maximum uninterrupted flow of business-critical ops. Cut downtime by **25%**.

System Engineer   Nov 2018 - Aug 2020

Radax Software Solutions   Hyderabad, IN

- System Engineer focused on implementing Polarion ALM application, analyzing and designing solutions.
- Performed traceability of requirements and developed testing framework.
- Developed reports using Polarion API's.
- Writing User Acceptance Test Cases post implementation.
- Identified and dealt with a significant process bottleneck that boosted coding efficiency by **35%** when resolved.

Key Data Science Projects

KEY DATA SCIENCE PROJECTS & CASE STUDIES

Domain: E-Learning| Tech Stack: Python | Nov '20

- Objective: The X-Education Company requires a model which we need to assign a lead score to each of the leads such that the customers with higher lead score have a higher conversion chance and the customers with lower lead score have a lower conversion chance
- Solution: Build a **Logistic Regression** to predict probability and increase the leads, to enhance the business and increase the sales.
- Key Achievement: Predicted with high class imbalance in data with a **sensitivity score of 82% & specificity score of 83%**.

Domain: Sales | Tech Stack: Python | Aug '20

- Objective: To identify which variables are significant in predicting the demand for shared bikes & how well those variables describe the bike demands
- Solution: Deployed **Multiple Linear Regression** to arrive with a mindful business plan to be able to accelerate its revenue as soon as the ongoing lockdown comes to an end, and the economy restores to a healthy state.
- Key Achievement: Build a model with an **R-squared score of 82%** with less number of variables i.e.. 9.

Domain: banking industry| Tech Stack: Python | Apr '2021

- Objective: To detect fraudulent transactions based on the historical transactional data of customers with a pool of merchants.
- Solution: Deployed Classification **Decision Tree with Hyperparameter Tuning** Model with great performance metrics.
- Key Achievement: Cost benefit analysis savings after model deployment was found to be **$322943.225.**

ADDITIONAL INFORMATION

- **Languages:** English, Hindi and Urdu