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Uzair Pandith

Data Analyst / Machine Learning Researcher

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Data analytics specialist with 4+ years of experience in deriving actionable insights through advanced data modeling and statistical analysis. Proficient in Python, SQL, Power BI, and Machine Learning, with the focus on using data as levers for growth and systemic change. Operates at the intersection of insights and impact through end-to-end research projects and performance optimization.

SKILLS

Programming Languages	Python, R
Data & BI Tools	Tableau, Power BI, matplotlib, seaborn, Excel
Databases	MySQL
ML Techniques	Predictive Modeling, Feature Engineering, Logistic Regression, Random Forest
Data Analysis	Hypothesis Testing, Data Mining
Other Skills	Data Collection, Data Analysis, Market Research, Data Cleaning

TECHNICAL EXPERIENCE

Data Analyst

Merix Web Experts

April 2024 — Present

Remote

- Developed a Predictive Model for Bank Marketing Campaigns: Built a classification model to predict client subscription to term deposits based on demographic, socioeconomic, and campaign-related factors, enhancing marketing strategy and customer acquisition efficiency.
- Data Preprocessing and Feature Engineering: Optimized model performance through missing value treatment, feature scaling, and feature selection, uncovering actionable insights from complex datasets.
- Implemented Clustering Models on Global Development Metrics: Analyzed and segmented countries using K-Means and DBSCAN to identify development patterns, enabling data-driven policy making and targeted solutions for global challenges.

Research Analyst

BBM International Pvt Ltd

Feb 2022 — March 2024

Hyderabad, Telangana

- Drove a 20% increase in market penetration by conducting in-depth research on consumer preferences and market trends, translating findings into actionable insights.
- Enhanced customer satisfaction by 15% through carefully designed surveys and advanced data analysis, ensuring that our products meet market demands.
- Achieved 10% revenue growth by performing a comprehensive competitive analysis, identifying key market opportunities, and tailoring our strategies accordingly.

Product Research and Development Engineer

Jamna Auto Industries Ltd

Dec 2018 — Jan 2022

New Delhi, Delhi

- Developed a comprehensive product launch strategy that leveraged market intelligence and competitor research, resulting in INR 200 million in revenue growth, and established successful collaborations within the industry.
- Enabled data-driven decision making, leading to a revenue increase of INR 50 million by implementing advanced analytics tools and creating comprehensive reports, empowering the team to make informed strategic choices based on actionable insights.
- Gathered market intelligence to inform strategic financial decisions, resulting in optimized cost structures, improved profitability, and a deeper understanding of market trends.

Junior Engineer

Sansera Engineering Ltd

Oct 2017 — Nov 2018

Rudrapur, Uttarakhand

- Supervised a team of 60 members per shift, overseeing attendance, deployment, training, and quality control. Developed work instruction sheets and implemented stringent quality control techniques to minimize rejection rates.
- Utilized Kaizen methodology to enhance shop floor processes and implemented IPO (Input-Process-Output) improvements. Prepared comprehensive MIS reports for management review, driving ongoing operational improvements.
- Oversaw daily and hourly production, focusing on critical operations including grinding, induction hardening, and thread cutting. Ensured high standards of quality and efficiency through rigorous control measures.

EDUCATION

Bachelors of Technology in Mechanical Engineering

Panipat Institute of Engineering and Technology

2013 — 2017

Panipat, Haryana

LANGUAGES

Communication: English (fluent speaker), Hindi (fluent speaker), Urdu (reading and writing)

CERTIFICATIONS

Excel Skills for Business , <i>Macquarie University</i>	Nov 2021
Introduction to Data Analytics , <i>IBM iXY</i>	Jun 2023
Data, Data, Everywhere , <i>Google</i>	Mar 2023
Agile with Atlassian Jira , <i>Atlassian</i>	Feb 2023
Insights of Power BI , <i>Fractal Analytics</i>	Jul 2024
Data Science Certification Training , <i>Excel R</i>	Aug 2024

PROJECTS

Customer Targeting: *Predicting Term Deposit Subscriptions in Bank Marketing* Jun 2024 — Sep 2024
Merix Web Experts

- Developed a classification model to predict client subscription to term deposits using demographic, campaign, and economic data, achieving an F1-score of 0.64 and AUC of 0.9440 with Random Forest.
- Addressed class imbalance using SMOTE and cost-sensitive learning, enhancing recall and precision for minority classes across multiple models including XGBoost and LightGBM.
- Deployed the best-performing model using Streamlit, enabling real-time predictions and improving the bank's marketing strategy and customer acquisition targeting.

Liver Disease Classification: *Predicted liver disease stage (No Disease, Suspect, Hepatitis C, Fibrosis, Cirrhosis)*. Oct 2024 — Dec 2024
Merix Web Experts

- Built a multi-class classification model to predict liver disease stages (e.g., Hepatitis C, Fibrosis, Cirrhosis) using diagnostic blood and urine biomarkers, achieving 91.06% accuracy and a 96.19% ROC-AUC.
- Conducted comprehensive data pre-processing, including missing value imputation, outlier detection (IQR), and categorical encoding to ensure data quality and model reliability.
- Performed feature selection and dimensionality reduction using correlation analysis and tuned models like Logistic Regression and Random Forest to improve performance and interpretability.

NPD for Indian After-market: *Commercial Vehicle Brake Components* Nov 2020 — Dec 2021
Jamna Auto Industries Ltd

- Gathered financial reports of the brake parts manufacturers in India. Compared the balance sheets of each manufacturer based on a snapshot of a company's financial position at a given time and provides information about the company's assets, liabilities and shareholder equity.
- Conducted market surveys and studied the key manufacturers of the brake components (brake lining, brake pad, and brake shoe) to identify consumer needs and preferences.
- Analyzed market trends and competition to determine the best strategies for product positioning and marketing.

NPD for Indian After-market: *Leaf Spring Export* Oct 2019 — Mar 2020
Jamna Auto Industries Ltd

- Prepared business report with est. annual revenue generation of INR 300 million and 18% EBITDA. Planned to launch 65+ clutch SKU's contributing 70% of total market sales.
- Analyzed export and import data for leaf spring of 12 CIS countries. Identified potential target markets and analyzed the demand for leaf springs in those regions. Identified potential clients and items for proposal.
- Conducted market research on the global leaf spring export market, including current market trends, market size, and competition analysis.