

Innovative, process-oriented professional with experience collecting, analyzing, interpreting, and presenting big structured and unstructured data sets to support corporate decision-making at all organizational levels. Hadoop, Spark, Hive, Pig, Impala, Pyspark, and SparkSql expertise. Effective communicator who builds client relationships to find the optimal inquiry and insight tactics. Data analytics masters. Capable at using data visualization tools to discover key business trends and process improvements. Contributes greatly to collaboration and always acts proactively. Seeking a demanding Data Analyst position where I can use my experience to improve the company. Contributes significantly to collaboration and consistently demonstrates a willing and proactive attitude. Looking for a challenging position as a Data Analyst where I can utilize my knowledge to benefit the organization.

Education

MSc. in Data Analytics (2022)

De Montfort University, United Kingdom, 2:1

B.E. in Electronics & Communication Engineering (2019)

Vishwakarma Government Engineering College, India, Distinction

Key Skills and Knowledge

- ◆ Data Collection and Analysis
- ◆ Data Visualization and Validation
- ◆ Statistical Analysis
- ◆ Text-mining
- ◆ Predictive Modelling
- ◆ Advanced Mathematics
- ◆ Proficient use of Microsoft Office Products
- ◆ Decision Trees
- ◆ Machine Learning Cycle
- ◆ Software Development Life Cycle (SDLC)
- ◆ ETL & Reporting tools - SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS)
- ◆ Web Crawling and Web Scraping
- ◆ Problem-solving & Troubleshooting
- ◆ Client Liaison and Business Communications
- ◆ Training and Instructing
- ◆ Stakeholder Management
- ◆ Process Improvement
- ◆ Data Governance Models
- ◆ Linear, and Logistic Regression

Technical Proficiencies

Programming Languages: Python | SQL | SAS (Enterprise Guide, Miner, and BI Dashboard) | MATLAB | Tableau

Packages: Machine Learning | Hadoop Apache Hive | Apache Spark and Hive | Exploratory Data Analysis | Data Analytics | Numpy | Pandas | Matplotlib | Scikit-learn

Visualization Tool: Power BI | Oracle | Jupyter Notebook | Excel Charts

Additional: Data Mining & Mapping | Statistics | Time Series Analysis | NLP | MS Office (Excel, Word, PowerPoint) | C Basics

Professional Experience

MSDUK

Data & Research Analyst

Aug 2023 – Present

Website: <https://www.msduk.org.uk/>

MSDUK is a leading non-profit organization in the UK, dedicated to advancing inclusive procurement practices. It focuses on driving supplier diversity by promoting and integrating innovative ethnic minority-owned businesses into public and private sector supply chains. Through its initiatives, MSDUK champions diversity and inclusion, fostering business opportunities and growth for minority-owned enterprises.

Responsibilities:

- **Data Clean-up:** Utilized Python's libraries and Excel VBA for automated data clean-up tasks, enhancing data accuracy and usability by 30%. Concentrated on advanced data processing and visualization to support strategic decision-making.

- **Data Enhancement:** Spearheaded a data enhancement project using Python and its libraries such as Numpy Pandas, Request, and Regular expressions, leveraging APIs and web scraping techniques to improve data quality and insights. Presented findings through detailed reports and advanced data visualizations in Power BI.
- **MBM Project:** Contributed significantly to the Minority Businesses Matter (MBM) project by providing data-driven analysis to support minority-owned businesses. Developed dynamic dashboards and data collection sheets in Excel VBA, and a comprehensive London-based business directory using Python to enhance project outreach and impact.
- **Website and Registration Portal Testing:** Employed JIRA for the redesign and testing of the website and registration portal, ensuring user-friendly navigation and efficient registration. Focused on seamless integration with existing systems through advanced web frameworks and API utilization.

Procadence Technologies Ltd
Client: Supporting Care

Data Scientist
Project: Patient App and Website

Oct 2021- Aug 2023

Project Description: The supporting care group creates mobile and web dashboards for the caretakers to take data, time sheets, and task management. This helps the admin to create modules and assign them to caretakers. The reports are sent to councils on demand and downloaded when possible.

Responsibilities

- Developed action plans to mitigate risks and increase profitability by leveraging data science and predictive analytics.
- Built predictive models using various machine learning tools (such as Decision Tree, Text Analytics, Sentiment Analysis, Naive Bayes, Logistic Regression, and Linear Regression) to predict equipment failure.
- Utilized deep learning models to develop algorithms for predictive maintenance.
- Applied statistical and algebraic techniques to interpret key insights from gathered data and identify opportunities for productivity gains and sales growth.
- Developed data-gathering and reporting structures from scratch, using system features to strategize methods and deliver insights to internal stakeholders.
- Collaborated closely with stakeholders to gather analytical requirements for customer, product, and project needs, and support business improvements.

Procadence Technologies Ltd
Client: The Hut Group

Data Analyst
Project: Look Fantastic

June 2021- Sep 2021
Website: <https://www.thg.com/>

Project Description: The Hut Group is a global leader in health, beauty, fitness and lifestyle, and is home to some of the world's best brands, including my protein, look fantastic and more. Look fantastic is Europe's number one online premium beauty retailer and one of the most successful beauty websites and the ultimate destination for all your beauty needs globally. It is a British e-commerce company headquartered at Manchester England It operates over 100 international websites selling Fast-moving consumer goods "FMCG" direct to consumer through its proprietary e-commerce platform.

Responsibilities

- Built scalable learning models with Sci-kit learn and Python data science packages
- Performed Exploratory Data Analysis, built models with Regression, Time Series forecasting, and Clustering
- Automated data cleaning using Python scripts, performed large data read/writes with pandas
- Improved loan prediction with random forest and gradient boosting feature selection
- Implemented logistic regression machine learning model, validated data with Univariate/Multivariate analysis
- Collaborated with data governance team to maintain models, metadata, and dictionaries
- Pre-processed data with Python, iteratively refined models dealing with data changes
- Created dashboards and reports with Power BI
- Skilled in Data Visualization with Matplotlib, Seaborn, and Plotly.

Key Projects

B.E. (EC Engineering) - Smart door lock system and Cleaning Robot
MSc (Data Analytics) - Research project: Use of AI in education