

Peter Chisamba

Data Scientist and Business Analytics.

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Summary.

A passionate and data-driven Machine Learning professional with a proven ability to apply ML techniques and leverage algorithms to solve real-world business problems. Very proficient in data mining and retrieval of insights from data. I'm confident that my skills and experience make me a valuable asset to any team looking to leverage the power of AI to drive business growth and success.

Areas of Expertise.

- Predictive Analysis.
- Demand Forecasting.
- Supply chain analysis.
- Product & After-sales analysis.
- Dashboarding.
- Data Visualization.
- AI.
- Data Modelling.
- Data Storytelling.

Key Achievements.

Demand Forecasting: Implemented an AI-powered demand forecasting model in the supply chain delivery process using the XGBoost algorithms to optimize replenishment at MZV thereby increasing efficiency by 40%.

Process Automation: Developed insights to maximize post-purchase operations by utilizing worldwide customer reporting line data from warranty claims and technical assistance decreasing error quota by 30%.

Professional Experience.

MZV Moderner Zeitschriften Vertrieb GmbH & Co. KG

Data Scientist in the Marketing Services.

- Replenishment Optimization to achieve market-oriented supply through multivariate and analytics-driven forecasting.
- Implemented the end-to-end RPA processes with UiPath and applied Python BeautifulSoup web scraping libraries to streamline data collection processes for sales and marketing analytics for 44 wholesalers and reduce processing time by 200%.

IQ intelligent engineer management GmbH

Data Scientist and Analyst (Automotive).

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- Optimized After Sales operations by utilizing worldwide customer data from warranty claims and technical assistance.
 - Created a reporting system to track the effectiveness of the KPI-TC implementation for motorcycles, as well as a system to monitor delivery blockage under warranty
 - Analysed sensor-generated FASTA (operational data) and ISTA (diagnostic data) from motorcycles to track the cardan shaft's degradation and make accurate ad hoc determinations on warranty claims, therefore enhancing warranty analysis.

Altran Deutschland S.A.S. & Co. KG

Project Coordinator, Senior Consultant Data Scientist (Automotive).

- Implemented Python scripts of the data import for the data pipeline ingests for data transfer from the NAS to the data centres for the purpose of autonomous driving projects at Magna and BMW, thereby increasing data transfer rate by 30%.

Projects.

- Prediction of material wear through audio signals analysis using CNN.
- Credit default forecasting using XGBoost and Random Forest.
- Creation of a recommendation film system by Naive Bayes.
- Recognizing faces with the Support Vector Machine.
- Prediction of online ad clicks through logistic regression.

Education.

M.Sc. Data Science and Business Analytics.

Additional Skills.

Python, R, Java, Pyspark, SQL, JavaScript, KNIME, AWS, Google Analytics, GIT, CI/CD Pipeline, RPA/UiPath, ARIMA, ANOVA, Multi- variate & Time Series Analysis, Data & Web Mining.