

KINGSTON TEFFY ROY DEIVAPATHINATHAN

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SUMMARY

Detail-oriented data science professional, eager to apply analytical skills to real-world problems. Driven by tenacity and strong leadership qualities to contribute effectively to a team and grow through continuous learning and hands-on experience.

EDUCATION

MSc Data Science, AI and Digital Business

GISMA University of Applied Sciences, Potsdam, Germany

October 2022 - December 2023

B.E., Computer Science and Engineering

Anna University, Chennai, India

August 2014 - April 2018

LANGUAGES

- **English** - Fluent C1
- **German** - Intermediate B1

TECHNICAL SKILLS

- **Relevant Coursework:** Business Intelligence, Methods of Prediction, Big Data Analytics and Innovation Management
- **Languages:** Python, R and SQL
- **Sophisticated ML Models:** Time-series forecasting (ARIMA, Prophet), NLP models (BERT, GPT), Deep Learning (Neural Networks, CNNs, RNNs, LSTMs) and LIME and SHAP
- **Frameworks:** Scikit-Learn, Keras, SpaCy, Azure Databricks
- **Key Strengths:** Agile Leadership, Emotional Intelligence, Data Story Telling, Mentoring and Coaching

PROFESSIONAL EXPERIENCE

Amazon Logistics DBB1 Werder, Germany

October 2023 - Present

Associate L1- Problem Solve

- Streamlined workflows, team coordination, and data management using Asana and Amazon warehouse systems
- Developed fluency in colloquial German through consistent collaboration in a German-speaking team

Freelance

July 2020 - September 2022

Tech Tutor, Online

- IABAC, Netherlands certified freelance tech tutor specializing in making Python, Data Analysis, and Machine Learning accessible to non-technical learners.
- Focused on simplifying data science concepts and empowering students to apply data-driven techniques using Scikit-learn, Pandas, Matplotlib, TensorFlow, data preprocessing and model evaluation techniques to master core fundamentals.

Data Science Consultant

December 2019 - July 2020

Rubixe, Bangalore, India

- As a Data Science Consultant at Rubixe, utilized machine learning algorithms such as ARIMA, XGBoost, and Random Forest for inventory forecasting, time-series analysis, and predictive modeling to optimize decision-making processes
- Utilized feature engineering, model optimization, and hyperparameter tuning to enhance predictive accuracy.
- Developed time-series forecasting models with SARIMA, Prophet, and LSTM, utilizing feature engineering and lag analysis to boost accuracy in inventory and sales predictions.
- Contributed to an IABAC, Netherlands project, applying data wrangling, model deployment, and ensemble techniques, earning the Certified Data Scientist certificate.

Software Development Trainee

July 2019 - October 2019

Boscosoft Technologies, India

- Worked with Odoo ERP and Python to develop a Blood Bank Management System and Online Fitness Coach, earning Grade A for OOP, database management, and web development which eventually increased my interest in Data science.

ACADEMIC PROJECTS

- **Employee Performance Analysis (IABAC):** In this project, we implemented Random Forest, XGBoost, SVM, and ANN models, utilizing GridSearchCV for hyperparameter tuning and SMOTE to address class imbalance. The main focus was on feature engineering in Random Forest, where we sorted feature values based on their correlation with the performance rating. The model achieved an accuracy of 92.91%, precision of 92.71%, and recall of 92.91%.
- **Geospatial Analysis Project (Zomato):** Contributed to a project using geocoding and reverse geocoding with Nominatim API for processing location-based data. Applied text mining, NLP, topic modeling, and TF-IDF for trend analysis, utilizing Named Entity Recognition (NER) for location extraction. Leveraged Folium for geospatial data visualization and spatial analysis, enhancing delivery precision and operational efficiency with actionable insights.
- **Student Housing Solutions - A Business Model for the German Market:** Designed a business model utilizing competitive analysis, market segmentation, and persona development. Leveraged data-driven insights, KPIs, and digital marketing strategies to drive growth. Gained domain knowledge in business strategy, market research, and scalable growth, earning an exceptional grade for this project as part of the Digital Marketing module in university.

LEADERSHIP

October 2022 - December 2023

- Student Representative - GISMA University of Applied Sciences, Potsdam, Germany

CERTIFICATIONS

- German B1 - Common European Framework **CEFR**
- Data Science Job Simulation - British Airways
- Data Intelligence Job Simulation - PwC Switzerland
- Data Science Job Simulation - BCGX
- Data Analytics Consulting Virtual Internship - KPMG
- Certified Data Scientist - IABAC, Netherlands