Kened Kqiraj, Msc Data Science

Tableau

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Professional Summary

Highly motivated and passionate Data Scientist with a strong foundation in Data Analysis, Statistical Modeling, Visualization, and Data Engineering. Currently completing a Master's Degree in Applied Information and Data Science and finalizing my thesis, I am enthusiastic about engineering innovative solutions with data and exploring the potential of Large Language Models (LLMs). Passionate about applying AI and data-driven approaches to solve complex problems, I am actively pursuing full-time opportunities in Data Science and AI Engineering.

Skills

Hard skills: Business Intelligence tools (Tableau, Streamlit)
Python / Data Transformations R & Machine Learning, LangChain
Statistical Analysis
Data Pipelines

Soft skills:
Communication
Time Management
Ability to work under stress
Strongly results driven
Self-driven

Education

Feb 2024

Master of Science in Applied Information and Data Science
Lucerne University of Applied Sciences and Arts - Lucerne

Projects:

- Database Management (MySQL Workbench, Schema Design, SQL Queries, Data Quality)
- Costumer Data Analytics (On data provided by a swiss bank)
- R Bootcamp (2024 Fortune 1000 Companies)
- CSC (Data preparation and Tableau Vizualisation)
- Sports Data Analytics (The impact of the 12th player in Football)
- GenAI - RAG,LLM,FLOWISE (Email Automation)
- DevOps - Jira, OOP, Docker,Github (BrandiDog game)
- Machine Learning - LM, GAM, GLM, NN, SVM (Fitting the models to predict crimes in LA)
- CIP - PY/selenium, and BeautifulSoup (Flight price scraper)
- Data Science in Healthcare - Geographic Disparities in HIV & AIDS Diagnoses
- Data Analytics for Energy Systems and IOT - The abolition of nuclear energy: Can Switzerland survive?

MA Thesis

On AG

- Automating Rule Extraction and Interpretation from Free Trade Agreements (FTAs) Using NLP - LLMs / Automation / NLP

Further Training

IBM Switzerland   02/2025 - 05.2025

IBM WatsonX Challange

- Develop a system to automatically categorize and summarize data.
- Use LLMs to extract insights, including trending topics, common themes, sentiment analysis, and areas of disagreement or confusion.
- Use of the IBM-s platform services like Intelligent Document Processing.
- Orchestrated automated content workflows in IBM Watsonx Orchestrate by building an agent that triggered on new files in Cloud Object Storage, called Discovery/Watsonx.ai for semantic tagging and summarization, wrote results to a database, and updated article metadata.

Develop Generative AI Applications

IBM Coursera   07/2025

- Apply prompt templates, chains, and agents to create flexible and context-aware AI applications using LangChain's modular approach
- Evaluate and compare different language models to select the most suitable for specific use cases, ensuring optimal performance and reliability
- Develop a GenAI web application with Flask, integrating advanced features such as JSON output parsing for structured AI responses

Build RAG Applications

IBM Coursera   07/2025

- Develop a practical understanding of Retrieval-Augmented Generation (RAG)
- Learn about LlamaIndex, its uses in building RAG applications, and how it contrasts with LangChain
- Build RAG applications using LangChain and LlamaIndex in Python
- Design user-friendly, interactive interfaces for RAG applications using Gradio

Unsupervised Learning, Recommenders, Reinforcement Learning

DeepLearningAI   07/2025

- Use unsupervised learning techniques for unsupervised learning: including clustering and anomaly detection
- Build a deep reinforcement learning model
- Build recommender systems with a collaborative filtering approach and a content-based deep learning method

Big Data in the Cloud - Azure

BlockSeminar   09/2025

- Built and orchestrated data pipelines using Azure Data Factory to automate ingestion and transformation workflows.
- Processed large-scale datasets in Azure Databricks leveraging PySpark and SparkSQL for distributed data analysis.
- Designed and queried relational data models using SQL for structured data integration.
- Implemented data storage and access solutions with Azure Blob Storage, ensuring scalability and security for unstructured data.
- Applied cloud-based big data frameworks to solve real-world analytics tasks, gaining experience in end-to-end cloud data engineering.

2016	Bachelor of Accounting, *University of Prishtina*
2024	R- Bootcamp
2023	Python for Data Analysis: Pandas & NumPy
2023	Project Management Foundations, Initiation, and Planning
2023	Google Data Analytics Certificate
2023	Tableau Certificate niversity of California, Davis

Experience

Feb 2025 - Feb2026

Internship On AG

- Working on automation of tariff classification and preferential origin processes using Python, SQL, BigQuery, and LLMs.
- Focus on data ingestion, transformation, and reporting.
- Google Cloud Platform, Vertex AI

Jul 2019 - Feb 2024

Operations Specialist / The Brain Maze LLC (Part Time)

- Analysis and evaluation of the raw data.
- Continues improvement of workflows.
- Financial Reporting using Excel, and tax reporting.

Dec 2018 - Jul 2019

Branch Manager / *Aurora-Center LLC*

- Working close with the software developers on building a special clients database.
- Customer acquisition & expansion of existing customer relationships and review of key business figures as well as regular financial reports for the management team.

Mar 2017 - Aug 2018

Loan Officer / *Finca*

- Responsibility for credit assessment and the entire loan granting process.
- Interviewing loan applicants and reviewing their financial status, references, and credit history.

Languages

English (Fluent)   **Albanian** (Native)

German (Intermediate)

Hobbies & Interests

- In my free time, I enjoy running and doing fitness as well as hiking as part of an active lifestyle.
- I'm also passionate about reading and continuously expanding my skill set by exploring new tools and technologies related to data and automation.