Kais LARIBI

Sr. Data Scientist
ML engineer

17 Dec 1993

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Skills

Languages: Java, Shell, Python, SQL
Data platforms: Dss (L2), GCP (ML Eng. certified), AWS, Azure Databricks
DS approaches: Clustering, Timeseries forecasting, Classification, NLU, Bayesian Modelling, GenAI
Soft. Dev/Indus tools: Git, Docker, Airflow, Kubeflow Travis, Mlflow, terraform, CI/CD
Data visualization: Google data studio, Tableau, Dash, Streamlit

Languages

Arabic - Native
French - Fluent
English - Fluent
German - Basic

Extra-Curricular

Tennis national referee licenced in 2015 from the French tennis federation.

Member of an organization of passionate about flight simulations and flight knowledge sharing.

Tech blogger, I frequently share my latest projects in data and AI on Medium.

Work Experience and Internships

Since Jan 23 — Freelance senior Data Scientist, ML engineer
- Sanofi: Developed Marketing mix strategies using bayesian models. The project involved international teams to build a budget allocation product.
- Worked on infrastructure related topics, to streamline building ML models (tasks include creating workflows, CI/CD and kubernetes deployments.
- Participated in a transversal POC using LLMs to ask questions on code documentation using langchain, litellm and bedrock.
- Brut media: Designed a robust architecture leveraging GCP to streamline ML models deployment by creating a library (Nlp toolkit), CI/CD workflows and exposing FastApi endpoints to BigQuery.
- Animated comprehensive training sessions for the data team, focusing on utilizing data-driven approaches to build marketing use cases.

jul22 - Dec 22 — Lead Data Scientist/ML. engineer — Unify Group, Paris
- Built an audience segmentation methodology for our publishers (websites with +30M visitors/month).
- Set best practices and tools to deliver data science/ML projects (code quality, CI/CD, docker, terraform, tests...)
- Deployed a recommendation engine and performed stress tests to handle 17M monthly visits (250-400 Api call/minute).
- Setup and analyzed A/B test results of a recommendation system.

Jan21-Jun22 — Senior Data Scientist — Artefact, Paris
- Built an approach to forecast sales for new products (without data history) by leveraging products similarities
- Built a NLP based recommendation system to help call centers agents retrieve articles from a knowledge base in real time.
- Conducted several analyses on customer behavior on BigQuery for a big e-commerce company (churn, response to promotions,..).
- Implemented time series models to forecast demand in the retail sector combining various inputs (promotions, sell-in, sell-out...)
- Deployed ML models at scale on Kubernetes using MLflow and performed load tests to address scalability and availability issues.

Nov18-Dec20 — Data Scientist — Artefact, Paris
- Developed multiple appetency scoring algorithms on Spark Databricks for Samsung to predict website visitors interests on online navigation and CRM data.
- Worked on varied use cases shaping the future of travel and tourism in Dubai (Insights about tourists' behaviors, time series forecasting, data clustering and markets segmentation..)

Feb18-Sep18 — Data Scientist — Amadeus IT Group, Nice
- Worked within the research and innovation department on choice modelling within airlines and travel industry.

Education

2015-2018 — Engineering Diploma: Centrale Lille - France
- Multidisciplinary engineering studies, core subjects include: maths, economics, computer science, management and soft skills..

2014-2018 — Engineering Diploma: Tunisia Polytechnic school - Tunisia
- Engineering studies in one of the top 3 Tunisian engineering schools. Core subjects include: data analysis, machine learning, finance...

2012-2014 — Undergraduate diploma: Tunis Prep Institute for Engineering Studies

Extra projects and MOOCs

MOOCs
- Google Cloud Platform Big Data and ML Fundamentals
- Software Processes and Agile Practices - Alberta Univeristy
- Data Eng., Big Data, and ML on GCP.