ZEGHRAOUI MOUAD

Data Scientist & AI Technical Specialist

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🔗 https://mouadzeghraoui.github.io/MouadZeghraoui_Portfolio/ in mzeghraoui ⑆ mouadzeghraoui

HIGHLIGHT

- 2 years of experience as a Data science & AI Technical Specialist at a large multinational technology and consulting company "IBM".
- IBM Certified Data & AI Solution Architect.
- Red Hat OpenShift Certified Delivery Specialist.
- Master's degree in Applied Statistics & Numerical Methods.
- Bachelor's degree in applied Mathematics & Computer Science.
- Technical skills in Statistics|Machine-Learning: Regression, K-means-clustering, Natural Language Processing (NLP),Distributions, Sampling.
- Technical skills in Python (NumPy, Pandas, Scikit-Learn, Matplotlib), Spark, Git, IBM Cloud, IBM Watson technologies, Cloud Pak for Data Platform.
- Well proven analytical, communication, and decision-making skills, with the ability to learn fast, innovate, and problem solve under pressure.

WORK EXPERIENCE

Data Science & AI TECHNICAL SPECIALIST

IBM

📅 June 2020 – Present

- Pre-Sales of the IBM Data & AI Portfolio
- Deliver Proof-of-Concept, Proof-of-Technology, Workshops to Clients to help them modernize how to collect, organize, and analyze data and infuse AI through their organization.
- Provide technical assistance to Data & AI Sales Team in Africa and Middle East.
- Develop & Deliver IBM training to IBM Business Partners, Clients, University Students and Faculty in Middle East & Africa as part of IBM Skills academy program.

Data Scientist & AI TECHNICAL SPECIALIST

IBM

📅 January 2020 - June 2020

- Propose Data solutions and strategies to business challenges.
- Deliver on site technical engagements with customers. This includes conducting design thinking workshops, understanding customer requirements, participate in consulting proposals and delivering end to end data products.
- Undertake Processing (cleaning, cleansing, feature engineering and verifying data integrity) of structured and unstructured data.
- Build data solutions using statistics | machine-learning algorithms and Combine models through ensemble modeling.
- Derive insights from data and present it to a non-technical audience through presentations and visualization techniques.
- Installing IBM Cloud-native Product in production environment.
- Support Sales and Technical Sales Team by carrying Data Science Workshops with a set of Clients and Business Partners

EDUCATION

Master's degree in applied Statistics and Numerical Methods; Option: Statistical Methods for Discrimination and Scoring (Applied statistics for Machine learning)
Hassan II University, Casablanca, Morocco
📅 July 2018

Bachelor's degree in Applied Mathematics and Computer Science
Hassan II University, Casablanca, Morocco
📅 July 2016

SKILLS

Statistics & Machine-Learning:
Hypothesis testing | Regression | Classification | K-Means | Clustering | NLP | PCA | Distribution | Sampling

Technical: Python | Pandas | Scikit-Learn | Keras | SQL | IBM Watson | IBM Cloud Pak for Data | IBM Cognos Analytics

Cloud Technologies : Docker | Kubernetes | Red Hat OpenShift

ACHIEVEMENTS

- Champion Learner Gold : TOP Learner in IBM for 2 years 2019 and 2020 with more than 300 hours learning per year
- Nominated by my business unit for the IBM AI Skills Academy to always be up to date in Data Science, by following the most recent courses, on different platforms

PARTICIPATION

- Part of the Data Science Community Asset Bank, to help IBMer in their Data Science Learning, and to create new assets for internal use.

- Deliver IBM training to IBM Business Partners, Clients, University Students and Faculty in Middle East & Africa as part of IBM Skills academy program.

Data Analyst – Intern

BANK CENTRAL OF MOROCCO, BANK AL-MAGHRIB

📅 February 2018 – May 2018

- Developed a novel and more efficient approach to assess the performance of Moroccan credit institutions using Multi-criteria and Stochastic Models (Black and Scholes, Merton, KMV, PROMETHEE, Goal Programming) scoring Techniques.
- Presented to CTO how Machine-Learning and Statistics could improve the Banking-Supervision, like for example the detection of alerts on the balance sheets of financial institutions.

PROJECTS REFERENCES

- Ministry of interior: Build a Hybrid Fraud Detection Model that Leverage the power of Supervised, Unsupervised and Rule-Based Modelling for Predicting Fraudulent Changes in the records of Civil affairs.
- Ministry of interior: Optimizing Inbound Immigration Queuing, using decision optimization and machine-learning algorithms.
- Telco: Build a Model for Predicting Tasks Duration.
- Build a Virtual assistant/Chatbot for a Big Bank Company in Morocco.
- Build an Arabic Virtual assistants for all MEA Region, who answers all questions about SARS-CoV-2, and the services offered by the companies in this period, also to allege their help desk.
- Middle East and Africa Region: Conceptualized & implemented a sentiment analysis tool for Arabic language

CERTIFICATION

- **IBM Certified Data and AI Solution Architect - Cloud Pak for Data V2.5**
  IBM Professional Certification
- **Red Hat OpenShift Delivery Specialist - Container Platform Deployment**
  Red Hat
- **Data Science Professional Certificate**
  Coursera   IBM

LANGUAGE SKILLS

- **English** : Fluent
- **French** : Native
- **Arabic :** Native