IHEB BEN NACEUR

Data Scientist / Analyst

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SUMMARY

Passionate about technology and computer science, I made a seamless transition from a background in Mathematics research to Data Science. With a research master's degree in D-orthogonal polynomials, I combined my analytical mindset with a deep interest in data to pursue a fulfilling career path. I am an alumnus of the Jedha Data Science Bootcamp, where I further honed my skills and completed comprehensive end-to-end data science projects : https://github.com/ihebbennaceur?tab=repositories

EDUCATION

Faculty of science of Bizerte
Bachelor's Degree in Maths
2016 – 2020

Faculty of Science of Bizerte
Master Degree in Maths
2020 – 2023

SKILLS

- Mathematics / Statistics / Probabilities
- Data Visualization Python libs + Excel
- Python programming (Senior)
- Machine Learning :(Supervised / Unsupervised)
- Extract, Transform, Load (ETL Process)
- Deep learning (TensorFlow)
- Deployment and Dashboard creations
- (AWS , Docker , heroku ,Streamlit + Fast API)

CERTIFICATIONS

Data Full Stack RNCP 6,
Jedha Institute (Paris, France)

Data Science Job Simulation (British Airways)

PROJECTS

1. Save Antiwaste
   Description: Developed a project focused on waste reduction using machine learning, image recognition, barcode detection, API creation, web scraping, AWS S3, Docker, and Heroku deployment.
   Github   Video

2. Get Around (Dashboards + API)
   Description: Created a car rental price prediction system using machine learning, MLFLOW, Streamlit dashboards, Docker, and API creation for online predictions.
   Github   Video

3. AT&T Spam Detection (Deep Learning NLP)
   Description: Built a spam detector using deep learning and transfer learning to automatically flag SMS spams based on their content.
   Github   Video

4. Uber Pickups Clustering (Machine learning unsupervised)
   Description: Developed algorithms to identify hot zones for drivers using unsupervised machine learning (DBscan/Kmeans) and created a visualization dashboard.
   Github   Video

5. Kayak (web Scraping and ETL process)
   Description: Implemented API communication, web scraping from booking.com platforms, and data analysis to find best hotels based on weather conditions using AWS services.
   Github   Video

6. Conversion Rate (Machine Learning)
   Description: Utilized machine learning models to predict newsletter subscription rates and created classification models for user conversions.
   Github   Video

7. Walmart Sales Estimation (Machine Learning)
   Description: Employed machine learning models to estimate weekly sales in Walmart stores with high prediction accuracy.
   Github   Video

8. Speed Dating Tinder (Analysis and Visualusations)
   Description: Conducted statistical analysis and visualizations on speed dating data to understand partner preferences and perceptions.
   Github   Video