

AHMED AMINE BEN ABDALLAH

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Education

Tunis Business School

Bachelor of Business Administration

Sep. 2019 – Present

El Mourouj, Tunis

Ali Borguiba High School

Baccalaureate of Computer Science

2015-2019

Kalaa Kebira, Sousse

Relevant Coursework

- Artificial Intelligence
- Data Analysis
- Time Series Analysis
- Database Management
- Web Development
- Linux
- Econometric
- Statistics

Projects

Automatic Licence Plate Detection | *Flask, tensorflow, OpenCV, YOLOV5, pytesseract, labelImg*

- Developed a web application using Flask to detect and extract license plate number.
- Used OpenCV for image processing.
- Implemented YOLOV5 and InceptionResNetV2 to detect and localize a license plate in an input image.
- Implemented pytesseract Extract the characters from the license plate.

Amazon TV price prediction | *Python, Selenium, pycaret, Streamlit*

- Use Selenium to scrape TV prices from Amazon Website.
- Implemented Pycaret to train, evaluate, tune, and deploy different machine learning models.
- Use Streamlit to create a web app for the project.

Book Store Dashboard | *Oracle PL/SQL, PowerBI*

- Use PL/SQL to create a database for a Book store.
- Use Microsoft PowerBI to create dashboard.

Fruit Classification | *Python, Sklearn, TensorFlow, EfficientNet, ResNet50V2*

- Use Sklearn to preprocess the data.
- Use Tensorflow for Data Augmentation.
- Implemented ResNet50 and EfficientNet models for image classification.

ICU Mortality Prediction | *Numpy, Pandas, Tensorflow, Matplotlib, Seaborn*

- Use numpy and pandas for data preprocessing.
- Performed EDA using matplotlib and seaborn.
- Built a deep learning model using Tensorflow to predict the mortality of patient.

Flight price prediction | *Pandas, Numpy, Matplotlib, Seaborn*

- Exploratory Data Analysis (EDA) was performed to take a look at features that make the highest impact when determining the prices of Airline ticket.
- Implemented Random Forest Regression model to predict the airline ticket price.

Hotel booking demand | *Pandas, Numpy, Matplotlib, Seaborn*

- Exploratory Data Analysis (EDA) was performed to take a look at What are the most busy months, Where do the guests come from and How much does guest pay for a room a night.
- Implemented different machine learning models to predict if the booking will be canceled or not.

Technical Skills

Languages: Python, R, Java, C, PHP, JavaScript, SQL

Database: MySQL, PL/SQL, NoSQL

Frameworks/Libraries: TensorFlow, Scikitlearn, Pandas, Numpy, Flask, Node.js, Express.js

Tools: PowerBI, Git, Jupyter Notebook, Excel, Trello

Certifications

- Machine Learning Specialization by Coursera
- Deep Learning Specialization by deeplearning.ai
- Machine Learning A-Z™: Hands-On Python & R In Data Science by Udemy
- SQL for Data Science by coursera
- Power BI A-Z: Hands-On Power BI Training For Data Science! by Udemy