**BOULA AKLADYOUS**

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**DATA SCIENTIST**

Full-stack data scientist and machine learning with a passion for finding meaningful insights and solving technical problems to provide a practical solution that drives businesses forward. My experience includes my own business in the real estate and tourism markets which gives me a solid background and unique skills

**TECHNICAL SKILLS**

Python, SQL, NLP, Web Scraping, Machine Learning, Tensorflow, Scikit-Learn, Pandas, Matplotlib, Seaborn, Plotly, Version Control(GIT), Amazon Web Services (AWS).

**TECHNICAL PROJECTS**

**King County House Sales -** [**github.com/akladyous/house-price-prediction**](https://github.com/akladyous/house-price-prediction)

Real Estate marketing campaign.

**Technical Accomplishments**: Features Transformation - Outlier detection - Linear regression Modeling.

* Generate revenue via successful marketing campaigns.
* Better understand the preferences of buyers.
* Assist valuation team providing price predictions.

**Chicago Car Crashes Prevention -** [**github.com/akladyous/Chicago\_Car\_Crashes**](https://github.com/akladyous/Chicago_Car_Crashes)

Car Accidents Prevention system.

**Technical Accomplishments**: Features Selection, Hyperparameter tuning, Supervised classification

* Analyzing and predicting the primary causes of car crashes.
* Provide statistical analysis aimed at reducing road accidents.

**Stock Market Sentiment Analysis -** [**github.com/akladyous/stock-market-sentiment-analysis**](https://github.com/akladyous/stock-market-sentiment-analysis)

Analyze the impact of the sentiment analysis on the stock.

**Technical Accomplishments**: NLP - Web scraping - Imbalanced classification - Tensorflow RNN, Word2Vec model.

* Provide real time sentiment analysis tools on tracking financial articles from different sources.
* Identification of trends in the stock prices of a company by performing fundamental analysis.
* Classification model to gain meaningful insights on predicting either market sentiment and future prices.

**EMPLOYMENT HISTORY**

**Python Developer**, Robroy SRL, Milan, Italy 02/2017 - 07/2019

* Back End Developer participating as an active member contributing to Integrated booking engine web-based service using Amadeus API into database management projects using Python.
* Implemented process management system using Amadeus cryptic commands.

**Travel Agent**, Turitalia SRL, Sesto San Giovanni, Italy 12/2007 - 12/2017

* Travel agent adept at building client relationships and successful at troubleshooting and handling customer support issues quickly.
* Ticketing with Nett, published, Negotiated fares ATPCO, Fare Construction, Quotes recalculation, Rerouting.
* Maintained operational proficiency in coordinating both international and domestic travel accommodations.

**Real Estate Broker**, Nuova Casa Ind**.**, Sesto San Giovanni, Italy 06/2003 - 11/2007

* Dynamic professional with 4 years specializing in residential properties and skilled at generating positive client feedback and building business through referrals.
* Negotiated, facilitated and managed real estate transactions.
* Managed contracts, negotiations and all aspects of sales to finalize purchases and exceed customer expectations.

**EDUCATION**

**Flatiron School, New York, NY**  01/2021 - 06/2021

Immersive Data Science Bootcamp program.

**Advanced Industrial Technical College, Port Said, Egypt** 06/1994

Associate Degree in Information Technology.