

Cairo, Egypt

MARCO MOUNIR

[Github](#) - [Kaggle](#) - [LeetCode](#)

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PROJECTS (*more at [imarco20.github.io](https://github.com/imarco20)*)

- **Blue Book for Bulldozers | Kaggle Competition** - (*Kaggle competition, Python, RandomForest*)
 - Created a model that predicts auction sale prices for Bulldozers. My model's score ends up on **top of the competition's Leaderboard**.
- **Tweet Sentiment Analysis Web App** - (*Bag of words, Python, Logistic Regression, Flask, Docker, AWS*)
 - Built a web app that can receive tweets, and returns the tweet's sentiment.
- **Telco Customer Churn | Kaggle Competition** - (*Kaggle competition, Python, NumPy, Pandas, SVM*)
 - Built a high accuracy model that can predict customer churn based on the customer's information.

SKILLS

- Technical
 - **Machine Learning:** Classification, Regression, Clustering, Natural Language Processing, Feature engineering, Feature extraction, Data scraping, Data wrangling, Data visualization.
 - **Statistics:** Hypothesis testing, Confidence intervals, Time series analysis, A/B testing.
- Software Development
 - **Algorithms & Data Structures:** Sorting, Searching, Graphs, Trees, Dynamic Programming, Divide and Conquer.
- Coding
 - **Python** (Scikit-learn, NumPy, Pandas, SciPy, TensorFlow, Keras, PyTorch, Matplotlib, Seaborn, BeautifulSoup4)
 - **SQL** (Postgresql), Git.

EDUCATION

Egypt	Faculty of Engineering- Cairo University	September 2009 – May 2016
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- BSc. in Aerospace Engineering.
- **Relevant Coursework**
 - Probability & Statistics, Linear Algebra, Calculus I, II & III

CERTIFICATES

- **Coursera - University of Michigan:** Applied Machine Learning in Python.
- **Coursera - deeplearning.ai:** Introduction to TensorFlow for Artificial intelligence, Machine Learning, and Deep Learning.
- **Coursera - University of Michigan:** Python Classes and Inheritance.