

Education

Alexandria, Egypt	Alexandria University	Sep 2019 Present
• MSc in Information Technology, Institute of Graduate Studies and Research, University of Alexandria		
Alexandria, Egypt	Alexandria University	Sep 2015 Jun 2019
• BS in Economics and political science, Major Economics English section, Overall Grade: “Good”		

Trainings

Business Data Intelligence	Information Technology Institute (ITI)	April 2021 Sep 2021
Graduation Project: Smartphones E-commerce Market Analysis.		
Tech Stack: Python (Selenium, BeautifulSoup), MySQL, Tableau, IBM SPSS, Git.		
Overall Grade: A [2 nd in class].		

Certifications

• AWS Certified Data Analytics – Specialty	Oct 2021 Present
• Google Data Analytics Professional Certificate Coursera.	Apr 2021 Oct 2021
• IBM Data Analyst Professional Specialization Coursera.	Jan 2021 Mar 2021
• Data Camp Data Scientist with Python Track.	Nov 2020 Mar 2021
• Data Camp Data Analyst with Python Track.	Jan 2020 Feb 2021
• Applied Data Science with Python, University of Michigan.	July 2019 Sep 2019

Projects

- **Crowd Data Analysis and Prediction:** Cleaning and processing +3 million mobile phone KPI records, Traffic volumes, and RSRPs to help network operators assessing best quality of service. Creating Dashboard to evaluate 4G performance by illustrating density, heat and bubble maps using Tableau. Building a predictive ML Model for measuring the impact on up/downlink volume and predicting traffic volume growth in a specific area.
- **Airbnb NYC Recommendation system (python & Tableau):** Creating software that aims to help users to find the optimal units according to their financial capabilities and needs, also providing an interactive dashboard using tableau that filters units due to user's preferences.
- **Online shopping survey (SPSS & Excel):** Providing Hypotheses Testing for customer satisfaction towards online shopping experience & Tested if there's a significant impact of each variable of the independent variables on the phenomena using simple and multiple Regression test.
- **Heart Disease Detection (python):** Creating a predictive model by applying machine learning algorithms (logistic regression, naïve Bayes and k-nearest neighbor) and testing their accuracies.
- **Covid-19 Data Analysis (Python):** performing an EDA analysis to explore the spread of the pandemic and how number of cases changed over time.

Technical Skills

- Programming Language: Python, SQL, and R.
- Data Visualization tools: Tableau, PowerBI, and Google Data Studio.
- Analytics and Service tools: Google Analytics, Big-Query, Git and Git-hub.
- Statistical tools: MS Excel, IBM SPSS, eviews.

Extra-Curricular Activities

- Team Leader at EDP 16 “Egyptian diplomat program”
- FEPS annual meeting: Member of the organizing committee which puts a full plan for all events and competitions organized by the chapter. (Nov 2017 | Nov 2018)
- HR stuff in “OPS” Our political sense during college. (Nov 2015 | Nov 2017)
- Volunteer for organizing summer camps for “sonaa el Hayat” for orphans.