NADA ABOUBAKR

DATA ANALYST

Aspiring data analyst with strong analytical and problem-solving skills eager to gain hands-on experience, collaborate with a dynamic team, and contribute to the fintech industry. Proficient in Python, R, SQL, and Excel, with a keen eye for detail and a passion for turning data into actionable insights.

CONTACT

- **(+20) 1028137862**
- **nadabakr8102@gmail.com**
- **Alexandria, Egypt**
- **LinkedIn**
- **GitHub**

LICENSES AND CERTIFICATIONS

- Data Scientist Certificate - IBM
- Data Analyst in Power BI - Data Camp
- Artificial Intelligence - My Communication Academy
- Managing Database in Oracle
- McKinsey Forward Program
- IELTS Certificate

SKILLS

- **Technical Skills:**
  - **Programming Languages**: Python, R, PHP, JavaScript
  - **Data and Analysis**: Data Structures, Algorithms, SQL, Power BI
  - **Web Development**: HTML, CSS, PHP, JavaScript
- **Language Skills**:
  - Arabic
  - English

EXTRACURRICULAR

- Web Development Volunteer - Wavemakers United
- HR Volunteer - IEEE SSCS Alex SC
- Machine Learning Volunteer - IEEE SSCS Alex SC
- HR Volunteer - FCDS ICPC

EDUCATION

Alexandria University

2020 - 2024

BCS. in Computer and Data Science | Cgpa: 3.401

EXPERIENCE

IT & TELECOM VOLUNTEER - AL-AHLI HOSPITAL

August 2023 - September 2023

- Engaged in data analysis endeavors and crafted insightful dashboards catering to the discerning needs of decision-makers at Al-Ahli Hospital, where precision and clarity were paramount in guiding strategic initiatives.

MACHINE LEARNING INTERN - TECHNOCOLABS SOFTWARES INC.

April 2023 - July 2023

- Participated in a predictive modeling project on mortgage-backed securities, optimizing algorithms for accurate trend prediction.
- Utilized Flask to deploy machine learning models, demonstrating web development proficiency.
- Conducted insightful data analysis contributing to project success.
- Independently completed a Mini Project on Big Mart Product Outlet Sales, showcasing initiative and analytical skills.

PROJECTS

- **ENHANCING DRUG COMBINATION SAFETY**
  - Developed advanced computational models for predicting drug-drug interactions and identifying synergistic drug combinations.
  - Utilized machine learning techniques and rigorous testing for accurate predictions.
  - Seamlessly integrated the solution with electronic health records (EHRs) for real-time interaction prediction.
- **NLP-based software application for detecting suicidal posts in Modern Standard Arabic.**
  - Developed a software application using Natural Language Processing (NLP) techniques to detect suicidal posts in Modern Standard Arabic.
  - Contributed to mental health awareness initiatives by providing a tool for identifying at-risk individuals.
- **HOTEL DATABASE MANAGEMENT SYSTEM (DBMS) *GIT***
  - Collaborated on a group project implementing database theories. Created ERD, EERD, and Relational models for a hotel database management system using ORACLE DB.
- **FIRE INCIDENT PREDICTION WITH DATA MINING *GIT***
  - Employed data mining techniques to predict fire incidents, enhancing safety measures through predictive analytics.
  - Contributed to risk mitigation strategies by identifying patterns and trends in historical fire incident data.
- **RESTAURANT WEBSITE DEVELOPMENT *GIT***
  - Developed a responsive website using HTML, CSS, JavaScript, and PHP for a seamless user experience.