

Zienab Abdelrahman

DATA ANALYST

Egypt, New Cairo | 01063731019 | zienab.abdelrahman.2001@gmail.com | [LinkedIn](#) | [MY PROJECTS](#)

EXPERIENCE

Data Analyst

Mondia Group

Aug 2024

-Designed and maintained interactive dashboards using Amazon QuickSight

-Extracted and analyzed complex datasets using SQL, delivering actionable insights and reports to support business objectives

Programming instructor

Discovery Academy

Apr 2024

Education

Faculty of computer science

Future University in Egypt

2019 - 2023

With CGPA 3.4 out of 4

Skills

- Microsoft Excel, PowerPoint and Word
- Data visualization (Power Bi, Tableau, Excel , Looker Studio,QuickSight)
- SQL
- Python for analysis (Pandas, NumPy, Matplotlib and seaborn)
- Problem-solving
- Analytical skills
- Programming Languages(C++,Java, Java Script, Python)
- Time-management skills
- Communication skills

Courses

Data Analyst Professional at Machinify

Data Analyst with Python at Data Camp

Ai and Data Science workshop ,Apple AI AAST

Data Science & Business Analytics Intern at The Sparks Foundation

Fundamentals of deep learning workshop at nvidia

HCIA-AI at Huawei

Activities

- Participant at Egyptian Collegiate Programming Contest
In 2021 and 2022
- Head of Public Relations at IEEE Student Activity
My role included negotiation with sponsors to reach suitable deals
- Participant at IEEE extreme competition for problem solving

Graduation Project

Deep learning for analyzing dental panoramic x-ray:

We used deep learning for analyzing dental panoramic x-rays using U-Net architecture for semantic segmentation, OpenCV library for contouring and TensorFlow 2 for implementation. We also used YOLO algorithm and we fine-tuned a pretrained pytorch implementation of YOLOv5. Finally, we deployed our models in a web application using Streamlit framework. The web application can contour the panoramic X-ray and detect teeth numbering, cavities, and previous treatments to generate a report containing all of this.

Projects

Sales analysis using Power BI :

Project Goals:

Monitor Sales Performance: Provide a real-time overview of sales performance against targets and historical data.

Measure Sales Team Performance: Evaluate the effectiveness and productivity of the sales team.

Facilitate Strategic Planning: Support strategic decision-making with data-driven insights.

Uber analysis with Python:

In this project, I utilized Python to perform a comprehensive analysis of Uber ride data.

Super Store with Python :

In this project, I conducted a comprehensive analysis of sales data from a Super Store Using Python.

University Projects

- ATM System with Gui By Java
- E-commerce website Using WordPress
- IEEE FUE branch website Using Angular JS
- Pharmacy website Using asp.net core
- Simple Calculator By Assembly8086
- Keyword Extraction in python (NLP)
- Android app for exchanging books Using Java (Android Studio)
- Voice Controlled Car By Arduino C