Ahmed Hegazi

ahmed.hegazi03@outlook.com • 01002510720 • New Cairo , Egypt
LinkedIn • GitHub • Portfolio

Profile

Computer Science graduate from BUE (Information Systems) with strong skills in Python, SQL, Power BI, and data visualization. Delivered a full-stack machine learning project predicting football player values, covering data cleaning, feature engineering, model development, and deployment. Motivated to apply my analytical skills to transform data into clear, actionable insights.

Education

Computer Science at British University in Egypt, El Sherouk City , Egypt — **September 2021 - June 2025**
Grade: Very good with high honors

Internships

Front-End Development Internship at Nafis Technologies — **July 2024 - September 2024**

- Built a VUE-based blog platform with user authentication and post search
- Integrated RESTful APIs using Axios
- Created a task tracker
- Collaborated with back-end developers

Skills

Data & Analysis: Data Analysis • Exploratory Data Analysis (EDA) • Data Cleaning and Validation • Data Transformation • Feature Engineering • KPI Definition • Insight Generation • Reporting and Storytelling • Financial Analysis • Statistical Analysis • Data Visualization

Technical Skills: SQL (Joins, CTEs, Window Functions) • Power BI (DAX, Power Query) • Excel (PivotTables, Power Query) • Python (pandas, NumPy, scikit-learn, XGBoost) • PostgreSQL • MongoDB • Git/GitHub

Soft Skills: Problem-Solving • Multitasking • Communication Skills • Attention to Detail • Critical Thinking

Data Engineering & ML: ETL Pipelines • Web Scraping • REST APIs • Machine Learning • Predictive Modeling • AWS • Google Analytics

Business, Soft Skills & Tools: Requirements Gathering • KPI Tracking • Dashboards • Process Improvement • Decision Support • Analytical Thinking • Problem Solving • Collaboration • MS Office / Google Workspace • Presentation Design

Projects

Football Transfer Market Value Prediction System | Python, PostgreSQL, SQL, Power BI • GitHub
Designed and implemented a data-driven system to predict football players' market values using historical transfer data, performance metrics, and player attributes. Performed data collection, cleaning, exploration, and feature engineering to prepare datasets for machine learning models. Trained and evaluated multiple ML models to improve prediction accuracy, using Python libraries such as scikit-learn and pandas. Built a full-stack web application to deliver insights, with a Vue.js frontend and a Node.js/Python backend for data handling and model inference.

Tech Companies Revenue Analysis | Python, pandas, scikit-learn, SQL, Vue.js, Node.js, SQLite • GitHub
Built an end-to-end data pipeline by scraping the 2025 'Largest Tech Companies by Revenue' dataset from Wikipedia, cleaning and transforming it with Python, storing it in SQLite, performing EDA, and creating an interactive Power BI dashboard to visualize revenue, workforce distribution, and country performance.

Tech Companies Revenue Analysis | Python, pandas, SQL, SQLite, Power BI • GitHub
• Built an analytics pipeline: scraped the "Largest Tech Companies by Revenue (2025)" dataset from Wikipedia, cleaned and validated it in pandas, and loaded it into SQLite. • Ran EDA and built an interactive Power BI dashboard with filters and KPI visuals analyzing revenue, workforce distribution, and country performance.

Languages

Arabic - Native

English - Proficient

Certificates

SQL Associate from DataCamp · Link — **October 2025**
Data Analyst Associate from DataCamp · Link — **November 2025**
Data Engineer Associate from DataCamp · Link — **November 2025**
AWS Cloud Practitioner Essentials