Youssef Sedrak

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Experience

National Bank of Egypt (NBE) | Intern   Aug 2024 – Aug 2024

- Observed high-volume retail banking operations, workflows, and client service dynamics.
- Led an independent project on customer satisfaction, proposing strategies to enhance client experience and operational efficiency.
- Analysed employee-customer interactions, identifying challenges like extended wait times and client relation impacts.
- Observed real-time problem-solving and conflict resolution in a fast-paced banking environment.

Commercial International Bank (CIB) | Intern   Jul 2024 – Jul 2024

- Gained exposure to key business concepts through specialized bootcamps: Digital Transformation, Data & Financial Literacy, Entrepreneurial, and Human-Centric Interpersonal Skills.
- Acquired insights into FinTech trends and retail banking fundamentals.

Skills

Programming & Scripting: Python, SQL, R, HTML, CSS
Analytical Tools: Excel, Power BI, Access
Technical Skills: Data Preparation, Data Wrangling, Exploratory Analysis, Data Visualisation, Database Queries, Dashboard
Professional Skills: Analytical Reasoning , Problem Solving, Attention to Detail
Language: Arabic (Native), English (Proficient), French (Beginner)

Projects

Bellabeat – Google Professional Certificate   Dec 2025 – Dec 2025

- Performed a comprehensive analysis of smart device data to identify critical user activity patterns and wellness trends.
- Executed extensive data cleaning and merging processes to resolve integrity issues, ensuring high-quality and accurate reporting.
- Formulated data-driven strategic recommendations focused on enhancing user engagement and driving company growth.

AiRcruit – Graduation Project   Feb 2025 – Jun 2025

- Coded and managed the backend system, securely linking user inputs to a central database.
- Collaborated with frontend team to develop dynamic, customized user interfaces based on user roles and preferences.
- Utilized iterative development.

Movies Dataset – Udacity   Feb 2022 – Feb 2022

- Second milestone project in Udacity's Data Analysis Professional Track.
- Used Python to analyse a large movie dataset, providing insights on factors like genre and budget to optimize industry revenue.

US Bikeshare Data Project – Udacity   Jan 2021 – Jan 2021

- First milestone project in Udacity's Data Analysis Professional Track.
- Analysed a bikeshare dataset using Python to identify usage patterns and provide a comprehensive business overview.

Certifications

Institution	Certification	Date
Imperial College London	Mathematics for Machine Learning	2/3 courses completed	In Progress
Google	Data Analytics Professional Certificate	Dec 2025
TUM	Basics of Cost Accounting: Product Costing	Nov 2023
Microsoft	Work Smarter with Microsoft Excel	Oct 2023
UC San Diego	Big Data Modelling and Management Systems	Oct 2023
UC San Diego	Introduction to Big Data	Sep 2023
Udacity	Data Analysis Nanodegree Program (Challenger & Professional Track)	Dec 2022

Education

Helwan University   Sep 2021 - Jun 2025

Bachelor's Degree, Business Information Systems (BIS) – **GPA: 3.9/4.0 with Honours**