

Ahmed Ashraf

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Skills

- **Programming & Tools:** Python | SQL | Tableau | Power BI | Looker | Excel
- **Data Skills:** Data Collection | Mathematics | Statistics | Data Preprocessing | Data Mining | HTML
- **Machine Learning Algorithms:** KNN | Decision Trees (DT) | K-means
- **Additional Skills:** Data Visualization | Database Management | Operations Research | Communication Skills | English

Work History

Analytics and Automation Section Head

Elshorbagy Plastic Group

10th of Ramadan City 07/2023 - Present

- Prepare reports for the board of directors on sales, production, human resources, finance, and inventory.
- Develop an automation system for injection machines using PLC, applied for a patent for the project "Future Vision for Production Management".

Distribution Supervisor

B. TECH

10th of Ramadan City 08/2020 – 6/2023

- Innovated a streamlined standard part counting system, facilitating rapid supplier communication for rental car inventory, real-time cost adjustments, and effective cross-departmental coordination. Ensured seamless inventory management and swift customer delivery, underscoring a commitment to meeting company objectives.

Sales Engineering

Miraco Carrier

6th of October City 07/2019 - 08/2020

- As a Sales Representative at Miraco Carrier's branch, I build robust client relationships and drive revenue growth through effective communication and strategic sales techniques.

Education

Pre-master's in data science

Faculty of Graduate Studies for Statistical Research – Cairo University

Egypt 09/2023- Present

- Pre-master in Academic Data Science

Diploma in Data Science

Faculty of Graduate Studies for Statistical Research – Cairo University

Egypt 09/2021 – 5/2023

- Diploma in Academic Data Science

Bachelor of Agricultural Engineering

Ain Shams University

Egypt 09/2015 - 06/2019

- Major in Power and Machinery Engineering (Mechanical Engineering)

Projects

- **Automation System for Injection Machines:** Developed using PLC; applied for a patent for the project "Future Vision for Production Management." Features include real-time monitoring with continuous updates on cycle times, material usage, and machine conditions
- **ERP System Integration:** Connected devices to the ERP system to benefit cost accounting, production management, and the maintenance team, facilitating efficient operations and data-driven decision-making.
- **CBM System Innovation:** Developed an SAP-integrated system for automated counting of modular parts, facilitating rapid creation of distribution plans.

- Norma ERB System Compliance Project: Involved in running the project to distribute customers on the map for ease and speed of the company's distribution process.

Certifications and Licenses

- Google Analytics Certification
- Data Analyst with Python (Data Camp)
- The Complete Python Bootcamp from Zero to Hero in Python (Pierian Training)
- Python for Data Science and Machine Learning Bootcamp (Pierian Training)