Ahmed Ashraf

in **LinkedIn** | 📱+20 1062798081 | ✉ ahmed.datascince@gmail.com | ⭘ **GitHub** | **Portfolio**

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*	**Present**

- **Master's Degree in Data Science (Academic Track)**

Diploma in Data Science	**Faculty of Graduate Studies for Statistical Research – Cairo University**	*Egypt*	**01/2023 – 1/2025**

- **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)**

- **ISO 9001:2015 – Quality Management Systems (April 2019)**

- **ISO 22000:2018 – Food Safety Management Systems (October 2018)**

- **Training in Allweiller_Farid Pumps (August 2018)**