

Ibrahim Izz El-Deen

Business Intelligence Engineer



Egypt



+20 1101232269



ibrahem.izzaldeen@gmail.com



<https://www.linkedin.com/in/ibrahim-izz>



<https://ibrahim-izz.github.io/portfolio/index.html>

PROFILE

A dedicated Business Intelligence Engineer with strong organizational and critical thinking skills, eager to deliver data-driven insights and secure a career in Data. I have some exposure to Machine Learning and Data Engineering concepts.

SKILLS

Data Scraping, Preparation, Analysis, Modeling, Visualization & Storytelling Using Following Tools

- **BigQuery**
- **Excel**
- **Looker Studio**
- **Metabase**
- **MS SQL Server**
- **PostgreSQL**
- **Power BI**
- **Python**
- **S3, Glue & Athena**

WORK EXPERIENCE

- **Data Engineer** at NOAAAT February 2024 – Present
AWS ETL Pipelines With S3, Glue Studio & Athena
Dashboard Design With Looker Studio & Metabase
Predictive Analysis With BigQuery ML
Web Scraping With BeautifulSoup, Requests & Selenium
- **Business Articles Translator** at Atharah.net February 2022
Translated Harvard's *Why Financial Statements Don't Work for Digital Companies*
- **Book Editor** at Alamaladab May 2020 – August 2021
Wrote Summaries of Many Books Including *Atomic Habits* and *Conjoint Family Therapy*
Won 8th national place in first season of *National Reading Programme* competition
- **Computer Technician and Customer Support** at Al-Mesriah Solutions June 2015 – October 2017
Computer Sales, Windows Troubleshooting, Networking and Hardware Maintenance

PROJECTS

- **Dining Satisfaction Analysis**
Used Looker Studio and BigQuery ML to analyze dining satisfaction, developing a dashboard for analysis and forecasting customer satisfaction with a 95.25% model accuracy improvement.
- **E-Commerce End-to-End Project**
Conducted ETL with Power Query and visualized e-commerce data using Power BI, uncovering insights on payment trends and customer feedback, with additional DAX analysis in SQL Server.
- **AWS-Based End-to-End Data Pipeline**
Designed an AWS-based end-to-end data pipeline leveraging Glue Crawler for data discovery, Glue Data Catalog for organization, Glue ETL jobs for processing, then integrated Athena for data warehousing, enabling efficient query execution and insightful data analysis in Metabase.

EDUCATION

- **Bachelor of Engineering in Electronics and Communications Engineering** October 2018 - May 2023
Higher Institute of Engineering and Technology, New Damietta, Egypt GPA: Very Good
- **Graduation Project: Simulation and Implementation of an Autonomous RC Car**
IEEE Competition Achievement Certified Grade: Excellent