



ISLAM ELSAYED

Junior Data Engineer

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A transitioning Junior Data Engineer with a passion for creating and optimizing data-driven solutions. Eager to apply foundational knowledge of modern data engineering tools in a practical setting. Strong propensity for learning new technologies and committed to continuous growth in the field.

SKILLS & TECHNOLOGIES

Apache Airflow, Apache Spark, Apache Kafka, Python, GCP, AWS, Azure, DBT, Kubernetes, Terraform, Streamlit, Great Expectations, PowerBi, Data Studio, Shell Scripting, Git, Prometheus, Grafana

WORK EXPERIENCE

CONCENTRIX

Team Manager, Concentrix | October 2020 – June 2022

Led a significant turnaround in team performance, exceeding target goals by over 60% and maintaining high level performance throughout my tenure.

- Managed a Microsoft Xbox Technical Support team.
- Implemented data-driven strategies that resulted in a dramatic improvement in team performance, propelling the team from below target to surpassing the goal by a significant margin.
- Initiated a unified documentation system for knowledge and issue management, bolstering resolution metrics and empowering engineers to tackle issues more effectively.
- Utilized data analysis to investigate and address global Xbox issues, presenting key insights to stakeholders and driving solutions through collaboration.

PROJECTS

TAXI DATA PIPELINE

Developed a robust and scalable data pipeline serving multiple user profiles and emphasizes data quality.

- Managed Kubernetes and Apache Airflow for reliable data orchestration.
- Integrated Spark, Kafka, and DBT for comprehensive data processing and transformation.
- Extended the data pipeline to support MLOps, using MLFlow for experiment tracking and Streamlit for serving ML model predictions.

XBOX DATA SCRAPING PIPELINE

Built an insightful data scraping and analysis pipeline.

- Collected Xbox-specific data from various sources using Airflow on Kubernetes.
- Provided insights via BigQuery and Looker Data Studio.

Easy G.E

A user-friendly wrapper for Great Expectations, streamlining data quality checks in pipelines with comprehensive examples and detailed documentation.

EDUCATION

MANSOURA UNIVERSITY

Bachelor of Science Civil Engineering | 2010 - 2015