Diab H

Data Engineer, 2+ years experience
Cairo, Egypt
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I am a seasoned Data Engineer with expertise in data engineering, migration, and quality assurance. Currently employed as a Big Data Engineer at Orange Egypt, I leverage SQL, DBT, Airflow, and other tools to ensure data integrity and optimize processing. Previous roles at Etisalat Egypt and Worex Company focused on ETL, Data Management, and Machine Learning, demonstrating my adaptability to diverse business requirements. I am dedicated to integrating technology and business strategies to drive data-driven analysis and innovation.

INDUSTRIES: healthcare, Telecommunication

TECHNICAL SKILLS

• Python	3 years & 9 months
• SQL	2 years & 9 months
• Machine Learning	2 years
• Spark	1 years
• dbt	1 years

SOFT SKILLS

Problem-solving, Critical thinking, fast learner, Teamwork

PROJECT DETAILS

• Biomix

Project Description: medial robot diagnosis diseases using AI and ML and also measure signs to take it as step of diagnosis .
Responsibilities: develop pipeline from collect , process , train, validate data and deploy it in webapp
Technologies: machine learning, django,python,deep learning
Industry: healthcare

• Etisalat project

Project Description: project based to support with technology service in the field of data engineering
Responsibilities: Applymethodology and governance, to minimize business and technical risks and adhere to quality assurance and data reconciliation. Leadreverseengineering exercise for legacy ETL and data management solutions. Understanding business problems to ensure projects are leveraging the appropriate technology and analytical tools in the delivery of a comprehensive solution. Understandthebusiness goals while utilizing big data technology to ingest and analyze data streams. ETL/ELTDatamanagement, processing, and EDA using: Python, IMPALA, Hive, SQL, PySpark, Pandas, Numpy, Query Grid, zookeeper, Tableau, MS Power-BI, Yarn, Spark, Hadoop, SQL, DBeaver, Hue, Isilon, and shell scripts to increase quality and save time
Technologies: cloudera,nifi,python,bash,pyspark,hive
Industry: Telecommunication

EMPLOYMENT HISTORY

• Data Engineer

Description: Data Migration Project: Aug 2023- current ● Spearheaded apivotal role in a data migration project, ensuring seamless transition and accuracy in data transfer. ● Implemented robust processes to validate and cleanse data, guaranteeing its quality and integrity throughout the migration. Data Processing and Validation: ● Executedcomprehensive data processing and validation procedures, leveraging a suite of tools including Python,teradata, SQL, PySpark, Pandas, Numpy,DBT,clickhouse,nifi ● Significantly enhanced data quality and reduced processing time through the implementation of effective methodologies. Quality Assurance and Risk Management: ● Appliedrigorous methodology and governance to minimize both business and technical risks, ensuring adherence to quality assurance standards and data reconciliation. ● Ledreverse engineering exercises for legacy ETL and data management solutions, optimizing processes and ensuring compliance with industry best practices. Business-Centric Approach: ● Collaborated with cross-functional teams to understand business problems, aligning technology and analytical tools to deliver comprehensive solutions. ● Utilized big data technology to ingest and analyze data streams, aligning with business goals and objectives. Develop dashboards and design tables to help in data quality

EDUCATION

• Bachelors degree in biomedical engineering from mansoura university 2016 - 2021

LANGUAGES

• English - intermediate

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