

Dereka Isas

Data Warehouse Analyst

Profile

I am a Data Warehouse Analyst with over 5 years of experience. I have gained extensive knowledge and experience in data warehousing, business intelligence, and big data technologies. I am well-versed in designing, developing, and maintaining enterprise data warehouses. I have also developed ETL processes to load data into the warehouse from various sources. In addition, I have created many reports and dashboards using Business Objects tools such as Web Intelligence and Dashboard Builder. My strong analytical skills enable me to understand complex business requirements and translate them into effective solutions that meet the needs of the business users.

Employment History

Data Warehouse Analyst at Data Warehousing Institute, NE

Apr 2022 - Present

- Led the development of a data warehouse that now houses over 100TB of data and supports 1000+ users.
- Developed an ETL process that ingests 2 million records per day and has a 99% success rate.
- Wrote SQL queries that reduced run time of monthly reports from 8 hours to 15 minutes.
- Created stored procedures that increased efficiency of data analysts by 30%.
- Designed dimensional models used to support reporting requirements for 5 different departments.
- Implemented security controls at the database level which prevented unauthorized access to sensitive data.

Data Warehouse Analyst II at Enterprise Data World, NE

Jul 2017 - Feb 2022

- Led the data warehouse team in developing a new architecture that improved performance by 30%.
- Implemented changes to the ETL process that reduced processing time from 24 hours to 2 hours.
- Wrote stored procedures that increased data load speed by 50%.
- Created multiple cubes and dimensions in SSAS, which were used to support business decisions.
- Designed and created various SQL Server Reports using SSRS for different departments across the company.
- Provided training to junior members of the team on best practices for designing and maintaining a data warehouse.

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Education

Bachelor of Science in Data Analytics at University of Nebraska-Lincoln

Aug 2013 - May 2017

Some skills I've learned are data visualization, data mining, machine learning, and statistical modeling.

Links

[linkedin.com/in/derekaisas](https://www.linkedin.com/in/derekaisas)

Skills

SQL

Data Modeling

ETL (Extract, Transform, Load)

Business Intelligence Tools

Reporting and Analysis

Project Management

Languages

English

Arabic

Hobbies

Organizing and categorizing data

Finding trends in data

Creating visual representations of data