

Building Data Administration Skills with DataSys+



At the heart of AI is data. Good data properly identified, cleaned, managed, secured and repurposed is what AI is built upon. Storage and management of data (DataSys+) and the analysis of data (Data+) are critical to converting raw information into useful, powerful results.

Database Administrator Job Opportunity in the U.S. by the Numbers *April 2022- March 2023*

242,000 Database Administrators working in the U.S.

23,400 Database Administrator job postings

2.1 million Job postings for candidates with database related skills

\$102,530 Median salary
**The U.S. Bureau of Labor Statistics*

The need for data skills in the UK

46% of UK businesses have struggled to recruit for roles that require technical data skills

234,000 jobs requiring technical data skills are unfilled in the UK
**UK data skills gap report*

DOMAINS

- Database Fundamentals 24%
- Database Deployment 16%
- Database Management and Maintenance 25%
- Data and Database Security 23%
- Business Continuity 12%

HIGHLIGHTS

- SQL code is the most common language used to manage relational databases and is a significant part of DataSys+.
- DataSys+ empowers database administrators to compare and contrast scripting languages and command line prompts so that they are capable of working in different environments.
- Protecting data is critical and a loss of data can have a crippling effect on an organization's ability to do business. DataSys+ certified individuals can effectively and rapidly recover from a disaster and resume normal operations.
- DataSys+ covers essential monitoring skills and optimizing database performance, including understanding how to use indexing, query optimization, and other techniques to improve database performance.
- Protecting data is vital to an organizations success and DataSys+ includes managing user permissions, encrypting data, and defending against data breaches.

