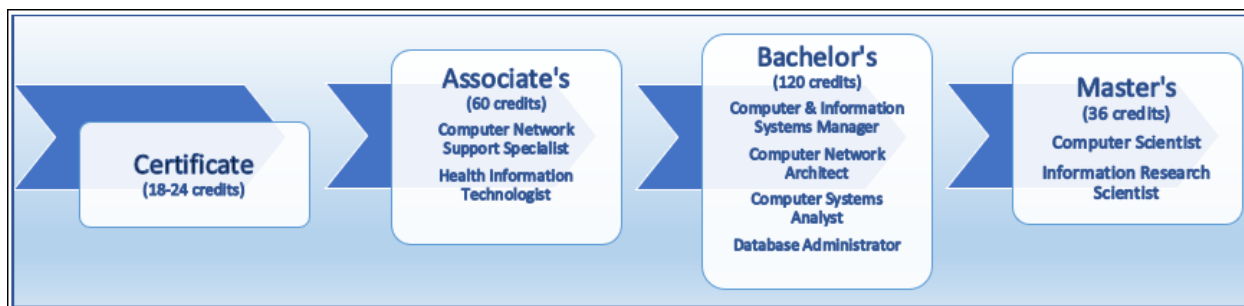# Database Administrators and Architects Professional Pathways

[Database Administrators and Architects](#) create or organize systems to store and secure a variety of data, such as financial information and customer shipping records. They also make sure that the data are available to authorized users.

	SIMILAR OCCUPATIONS / CAREER TRANSITIONS			
	OCCUPATION	**JOB DUTIES**	**ENTRY-LEVEL EDUCATION** ❓	**2021 MEDIAN PAY** ❓
	Computer and Information Systems Managers	Computer and information systems managers plan, coordinate, and direct computer-related activities in an organization.	Bachelor's degree	$159,010
	Computer Network Architects	Computer network architects design and build data communication networks, including local area networks (LANs), wide area networks (WANs), and Intranets.	Bachelor's degree	$120,520
	Computer Programmers	Computer programmers write, modify, and test code and scripts that allow computer software and applications to function properly.	Bachelor's degree	$93,000
	Computer Support Specialists	Computer support specialists maintain computer networks and provide technical help to computer users.	See How to Become One	$57,910
	Computer Systems Analysts	Computer systems analysts study an organization's current computer systems and design ways to improve efficiency.	Bachelor's degree	$99,270
	Information Security Analysts	Information security analysts plan and carry out security measures to protect an organization's computer networks and systems.	Bachelor's degree	$102,600

Table 1. This table shows a list of occupations with job duties that are similar to those of database administrators and architects (Bureau of Labor Statistics, U.S. Department of Labor, Occupational Outlook Handbook*, Database Administrators and Architects, at* **https://www.bls.gov/ooh/computer-and-information-technology/database-administrators.htm** *(accessed August 19, 2023).*

Helpful Certifications

Certifications document your knowledge and level of expertise.
- **Microsoft Office Specialist (MOS) Access Expert (Office 2019)**
- **Exam DP-500: Designing and Implementing Enterprise-Scale Analytics Using Microsoft Azure and Microsoft Power BI**
- **Exam DP-900: Microsoft Azure Data Fundamentals**
- **Microsoft Certified: Azure Data Fundamentals**
- **Microsoft Certified: Azure Enterprise Data Analyst Associate**
- **Microsoft Certified: Customer Data Platform Specialty**
- **Microsoft Certified: Power BI Data Analyst Associate**
- **Microsoft Certified: Power Platform App Maker Associate**
- **Exam MB-260: Microsoft Customer Data Platform Specialist**
- **Exam PL-300: Microsoft Power BI Data Analyst**
- **Exam PL-100: Microsoft Power Platform App Maker**