

Database Administrator Level 1

Beyond the Cloud is designed to empower you for success in the rapidly evolving IT landscape. This is a 10-week comprehensive program that provides essential technical and soft skills training for in-demand digital infrastructure roles. Please note *Transition to your Cloud Career* and *Agile Industry Mindset (AIM)* workshops run concurrently with Technical and Soft Skills courses during the 10-week period. Please contact your administrator for the schedule. Only Newcomers to Canada are invited to AIM (a newcomer is someone who has immigrated to Canada within the last 5 years).

Course Name		Lessons	Learning Platform	Learning Objectives	Level and Time Commitment
Course 1	AWS Cloud Practitioner Essentials	<ul style="list-style-type: none"> • AWS cloud concepts 	AWS Skill Builder	You will learn about AWS Cloud concepts, AWS services, security, architecture, pricing, and support to build your AWS Cloud knowledge. This course also helps you prepare for the AWS Certified Cloud Practitioner exam.	<ul style="list-style-type: none"> • Beginner level • 7 hours (approximately)
Course 2	Introduction to Databases	<ul style="list-style-type: none"> • Database fundamentals 	Coursera	Concepts and principles that underpin how databases work. Plan and execute a simple database development project .	<ul style="list-style-type: none"> • Beginner level • 27 hours (approximately)
Course 3	AWS Cloud Technical Essentials	<ul style="list-style-type: none"> • AWS cloud concepts 	AWS Skill Builder	The course covers the fundamental AWS concepts related to compute, database, storage, networking, monitoring, and security. You will start working in AWS through hands-on course experiences covering the concepts necessary to increase your understanding of AWS services, so that you can make informed decisions about solutions that meet business requirements. Throughout the course, you will gain information on how to build, compare, and apply highly available, fault tolerant, scalable, and cost-effective cloud solutions.	<ul style="list-style-type: none"> • Beginner level • 24 hours (approximately)
Course 4	Microsoft Azure Data Fundamentals	<ul style="list-style-type: none"> • Data Security 	Microsoft Learn	In this course, students will gain foundational knowledge of core data concepts and related Microsoft Azure data services. Students will learn about core data concepts such as relational, non-relational, big data, and analytics, and build their foundational knowledge of cloud data services within Microsoft Azure. Students will explore fundamental relational data concepts and relational database services in Azure. They will explore Azure storage for non-relational data and the fundamentals of Azure Cosmos DB. Students will learn about large-scale data warehousing, real-time analytics, and data visualization.	<ul style="list-style-type: none"> • Beginner level • 7 hours (approximately)
TOTAL HOURS					65 hours (approximately)