Fajar

has been awarded a **CERTIFICATE OF ACHIEVEMENTS**

in the **CendekiAwan - AWS Cloud Data Engineer And Gen AI Track Powered By RevoU**
as part of Studi Independen Bersertifikat (SIB) supported by Kampus Merdeka
16 February 2024 - 30 June 2024 with final grade of

94 out of 100 (A)



Matteo Sutto
CEO & Co-Founder



Jane Auditya
Program Manager

Student ID: 8454933
Issued: 25 June 2024

PT Revolusi Cita Edukasi (RevoU) has verified the identity of this individual and their participation in this course

CENDEKIAWAN - AWS CLOUD DATA ENGINEER AND GEN AI TRACK POWERED BY REVOU

Name: Fajar
Student ID: 8454933

Final Score	94

Conversion	Score
A	80 - 100
B	70 - 79
C	60 - 69
D	40 - 59
E	< 40

Activity	Score	Hours	Time Allocation	Learning Outcomes
Introduction to Data Analytics	**90/ 100**	300	1. Self Study: 175 hours 2. Lecture: 50 hours 3. Weekly Assignment: 5 hours 4. Group Discussion: 35 hours 5. Mentoring: 12 hours	1. Understand the general structure of data environments 2. Understand how to prioritize business problems to focus on 3. Understand the data cleaning process 4. Understand data processing using SQL
AWS Cloud and Data Warehouse	**90/ 100**	250	1. Self-Study: 160 hours 2. Gamification: 40 hours 3. AWS Labs: 8 hours 4. Bi-weekly Assignment: 2 hours 5. Group Discussion: 20 hours 6. Mentoring: 20 hours	1. Understand the general concept of AWS cloud, AWS services, security, architecture, benefits, and support in building AWS cloud technology 2. Understand basic AWS services and common solutions developed in the cloud, and the ability to identify appropriate AWS services 3. Understand the process of collecting, storing, and preparing data for data warehousing using Amazon services like Amazon Redshift
Databases on AWS	**100/ 100**	100	1. Self-Study: 60 hours 2. Lecture: 20 hours 3. AWS Labs 8 hours 4. Bi-weekly Assignment: 2 hours 5. Group discussion: 4 hours 6. Mentoring: 6 hours	1. Understand the concepts of building a database on AWS 2. Understand the concepts, benefits, and processes of migrating legacy databases to cloud-native databases and identify factors to consider during migration 3. Understand AWS database services and relational database concepts in the cloud through Amazon RDS for PostgreSQL 4. Understand the process of setting up, configuring, and managing Amazon RDS services and building modern apps with Purpose-Built Databases
Data Visualization and Data Communication	**90 / 100**	200	1. Self Study: 80 hours 2. Lecture: 10 hours 3. Gamification: 30 hours 4. AWS Labs: 26 hours 5. Weekly Assignment: 4 hours 6. Group Discussion: 20 hours 7. Mentoring: 20 hours	1. Understand the concepts and basics of data visualization and related tools like Amazon Quicksight 2. Understand the concepts and utilization of Amazon Quicksight cloud-based data visualization services and configure and manage them simply 3. Understand the process of building Business Intelligence (BI) dashboards using Amazon Quicksight services
Generative AI	**100/ 100**	50	1. Self-Study: 15 hours 2. Gamification: 15 hours 3. AWS Labs: 6 hours 4. Bi-Weekly Assignment: 2 hours 5. Group Discussion: 6 hours 6. Mentoring: 6 hours	1. Intro to GenAI 2. Building Language Models on AWS 3. Building a Generative AI-Ready Organization 4. Getting Started with Amazon Bedrock 5. Planning a Generative AI Project 6. Getting Started with Amazon Codewhisperer 7. Building a question-answering bot using GenAI