

# SERTIFIKAT PELATIHAN

0158243131-7/FGA.DTS/BLSDM.KOMINFO/2020

Badan Penelitian dan Pengembangan Sumber Daya Manusia

Kementerian Komunikasi dan Informatika Republik Indonesia kerja sama dengan Universitas Mercu Buana,  
menyatakan bahwa :

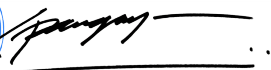
**MASHUM ABDUL JABBAR**

Telah mengikuti pelatihan Database Design and Programming With SQL  
program Fresh Graduate Academy Digital Talent Scholarship sebagai peserta  
mulai tanggal 22 September – 26 Oktober 2020 yang meliputi 210 Jam Pelajaran

27 Oktober 2020,

Plt. Kepala Badan Penelitian dan Pengembangan Sumber Daya Manusia

Kementerian Komunikasi dan Informatika



Semuel Abrijani Pangerapan, B.Sc

Sertifikat ini dapat diverifikasi  
pada QR Code



## Fresh Graduate Academy - Digital Talent Scholarship 2020

### Pelatihan Database Design & Programming with SQL sejumlah 210 Jam Pelatihan

- ▶ Database Design Section1 - Introduction
- ▶ Database Design Section 2 - Entities and Attributes
- ▶ Database Design Section 3 - Relationship Basics
- ▶ Database Design Section 4 - Super/Sub Types and Business Rules
- ▶ Database Design Section 5 - Relationship Fundamentals
- ▶ Database Design Section 6 - UIDs and Normalization
- ▶ Database Design Section 7 - Arcs, Hierarchies, and Recursive Modeling
- ▶ Database Design Section 8 - Changes and Historical Modeling
- ▶ Database Design Section 9 -Mapping
- ▶ Database Design Section 10 - Creating Database Projects
- ▶ Database Design Section 11 - Presenting Database Projects
- ▶ Database Programming Section 1 - Introduction
- ▶ Database Programming Section 2 - SELECT and WHERE
- ▶ Database Programming Section 3 - WHERE, ORDER BY, and Intro to Functions
- ▶ Database Programming Section 4 - Single Row Functions Part I
- ▶ Database Programming Section 5 - Single Row Functions Part II
- ▶ Database Programming Section 6 - JOINS Part I
- ▶ Database Programming Section 7 - JOINS Part II
- ▶ Database Programming Section 8 - Group Functions Part I
- ▶ Database Programming Section 9 - Group Functions Part II
- ▶ Database Programming Section 10 - Subqueries
- ▶ Database Programming Section 11 - Ensuring Quality Queries Part I
- ▶ Database Programming Section 12 - DML
- ▶ Database Programming Section 13 - DDL
- ▶ Database Programming Section 14 - Constraints
- ▶ Database Programming Section 15 -Views
- ▶ Database Programming Section 16 - Sequences and Synonyms
- ▶ Database Programming Section 17 - Privileges and Regular Expressions
- ▶ Database Programming Section 18 - TCL
- ▶ Database Programming Section 19 - Final Project and Exam Review
- ▶ Database Programming Section 20 - Ensuring Quality Queries Part II