

SERTIFIKAT PELATIHAN

19566611120-43/FGA/BLSDM.Kominfo/2023

Diberikan kepada

HADI SANTOSO

telah menyelesaikan pelatihan

Database Design and Programming with SQL
pada Program **Fresh Graduate Academy**
Digital Talent Scholarship **2023**

Pada tanggal **3 Juli 2023 - 4 September 2023** selama **210** Jam Pelatihan

Jakarta, 25 September 2023



Ditandatangani secara elektronik oleh:
Kepala Badan Litbang & SDM



Hary Budiarto

Fresh Graduate Academy Digital Talent Scholarship 2023
Pelatihan Database Design and Programming with SQL
Sejumlah 210 Jam Pelatihan

Materi	Jumlah JP
Database Design - Introduction Entities and Attributes	8
Database Design - Relationship Basics	8
Database Design - Super/Sub Types and Business Rules	6
Database Design - Relationship Fundamentals	8
Database Design - UIDs and Normalization	3
Database Design - Arcs, Hierarchies, and Recursive Modeling	4
Database Design - Changes and Historical Modeling	4
Database Design - Mapping	4
Database Design - Creating and Presenting Database Projects	15
Database Programming with SQL -Introduction, SELECT and WHERE, ORDER BY, and Intro to Functions	9
Database Programming with SQL - Single Row Functions	8

Materi	Jumlah JP
Database Programming with SQL - JOINS	20
Database Programming with SQL - Group Functions	15
Database Programming with SQL - Subqueries and Ensuring Quality Queries	24
Database Programming with SQL – DML & DDL	26
Database Programming with SQL - Constraints and Views	20
Database Programming with SQL - Sequences and Synonyms	12
Database Programming with SQL - Privileges and Regular Expressions, TCL	11
Database Programming with SQL - Final Project and Exam Review	5