DIGITAL
TALENT
SCHOLARSHIP

KOMINFO

FGA Fresh
Graduate
Academy

SERTIFIKAT PELATIHAN

01123574151-91/FGA.DTS/BLSDM.KOMINFO/2021

Badan Penelitian dan Pengembangan Sumber Daya Manusia
Kementerian Komunikasi dan Informatika Republik Indonesia,
menyatakan bahwa :

Aruf Rachman Hakim

Telah Mengikuti Pelatihan **Database Design & Programming with SQL**
Program Fresh Graduate Academy Digital Talent Scholarship
Sebagai Peserta mulai tanggal 19 Juli – 17 September 2021
yang meliputi 180 Jam Pelatihan

Jakarta, 01 Oktober 2021
Kepala Badan Penelitian dan Pengembangan Sumber Daya Manusia Kementerian
Komunikasi dan Informatika

Dr. Hary Budiarto, M.Kom.

TV DIGITAL

MODI

Fresh Graduate Academy Digital Talent Scholarship 2021
Database Design & Programming with SQL sejumlah 180 JP

Module Database Design :

Module 1 – Entities and Attributes

Module 2 – Relationship Basics

Module 3 – Super/Sub Types and Business Rules

Module 4 – Relationship Fundamentals

Module 5 – UIDs and Normalization

Module 6 – Arcs, Hierarchies, and Recursive Modeling

Module 7 – Changes and Historical Modeling

Module 8 – Mapping

Module 9 – Creating Database Projects

Module 10 – Presenting Database Projects

Module Programming with SQL :

Module 1 – Select and Where

Module 2 – Where, Order By, and Intro to Functions

Module 3 – Single Row Functions Part I

Module 4 & Module 5 – JOINs Part I & Part II

Module 6 & Module 7 – Group Functions Part I & Part II

Module 8 – Subqueries

Module 9 – Ensuring Quality Queries Part I

Module 10 – DML

Module 11 – DDL

Module 12 – Constraints

Module 13 – Views

Module 14 – Sequences and Synonyms

Module 15 – Privileges and Regular Expressions

Module 16 – TCL

Module 17 – Ensuring Quality Queries Part II