



# SERTIFIKAT PELATIHAN

0983574230-2/DTS/BLSDM.KOMINFO/06/2021

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

**DYNA MARISA KHAIRINA**

Sebagai Peserta Training Of Trainer Program Professional Academy  
Pada Skema Pelatihan "Database Design & Programming with SQL for Trainers" sejumlah 50 Jam Pelatihan  
Pelatihan dilaksanakan tanggal 19 April - 7 Mei 2021

Diterbitkan 25 Juni 2021

Kepala Badan Penelitian dan Pengembangan Sumber Daya  
Manusia Kementerian Komunikasi dan Informatika



Dr. Hary Budiarto, M.Kom

Sertifikat ini dapat  
diverifikasi pada QR Code





Program Professional Academy – Digital Talent Scholarship 2021  
Database Design & Programming with SQL for Trainers – Pelatihan sejumlah 50 Jam Pelatihan

- **Introduction to the Oracle Academy**
- **Data vs. Information**
- **History of the Database**
- **Major Transformations in Computing**
- **Entities and Attributes**
- **Relationship Basics**
- **Super/Sub Types and Business Rules**
- **Relationship Fundamentals**
- **UIDs and Normalization**
- **Arcs, Hierarchies, and Recursive Modeling**
- **Changes and Historical Modeling**
- **Modelling Change**
- **Mapping**
- **Creating Database Projects**
- **Presenting Database Projects**
- **Oracle Application Express, Relational Database Technology, Anatomy of a SQL Statement**
- **SELECT and WHERE**
- **WHERE, ORDER BY, and Intro to Functions**
- **Single Row Functions**
- **Date Functions**
- **JOINS**
- **Group Functions**
- **Subqueries**
- **Correlated Subqueries**
- **Ensuring Quality Queries**
- **DML and DDL**
- **Constraints**
- **PRIMARY KEY, FOREIGN KEY, and CHECK Constraints**
- **Views**
- **Sequences and Synonyms**
- **Privileges and Regular Expressions**
- **Creating and Revoking Object Privileges**
- **TCL**

