



PT. PRIMA TEKNOLOGI MADANI



# SERTIFIKAT

No. 200/Cert-Training/PTM/IX/2021

PT Prima Teknologi Madani

Proudly Present this Certificate of Achievement to

## MUHAMMAD AMZAR FADLIATMA PUTRA

As a Participant of a Program  
**WORKSHOP PENTAHO DATA INTEGRATION**

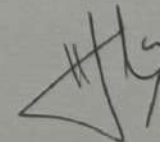
Held On  
September 06<sup>th</sup> - 10<sup>th</sup> 2021  
At. BPKP Building - Jakarta

Jakarta, September 10<sup>th</sup> 2021  
PT PRIMA TEKNOLOGI MADANI



Nurul Syamsi Prahasti, SE, MM  
Director

Instruktur Pelatihan  
Workshop Pentaho Data Integration



Arief Pirmansyah  
Expertise Pentaho Program

**MATERI PROGRAM**  
**WORKSHOP PENTAHO DATA INTEGRATION**  
**SEPT, 06<sup>th</sup> – 10<sup>th</sup>**

| DAYS         | MATERI                                                                                                                                                                                                                                                                             | JAM PELAJARAN (JP) |              |              |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------|--------------|
|              |                                                                                                                                                                                                                                                                                    | TEORI              | PRAKTEK      | JUMLAH       |
| 1            | <ul style="list-style-type: none"> <li>• <b>PENTAHO DATA INTEGRATION OVERVIEW</b> <ul style="list-style-type: none"> <li>▪ Data Warehouse Introduction</li> <li>▪ ETL Introduction</li> <li>▪ Product Installation</li> </ul> </li> </ul>                                          | 2 JP               |              | 2 JP         |
|              | <ul style="list-style-type: none"> <li>• LAB-1</li> </ul>                                                                                                                                                                                                                          |                    | 6 JP         | 6 JP         |
| 2            | <ul style="list-style-type: none"> <li>• <b>ETL PROCCES 1</b> <ul style="list-style-type: none"> <li>▪ Connecting to Database Security</li> <li>▪ Transformation in PDI &amp; Data Extraction</li> <li>▪ Mergin Data, Data Cleansing, Data Validation</li> </ul> </li> </ul>       | 2 JP               |              | 2 JP         |
|              | <ul style="list-style-type: none"> <li>• LAB-2</li> </ul>                                                                                                                                                                                                                          |                    | 6 JP         | 6 JP         |
| 3            | <ul style="list-style-type: none"> <li>• <b>ETL PROCCES 2</b> <ul style="list-style-type: none"> <li>▪ Datamart</li> <li>▪ Create Dimension Table &amp; Fact Table</li> </ul> </li> </ul>                                                                                          | 2 JP               |              | 2 JP         |
|              | <ul style="list-style-type: none"> <li>• LAB-3</li> </ul>                                                                                                                                                                                                                          |                    | 6 JP         | 6 JP         |
| 4            | <ul style="list-style-type: none"> <li>• <b>PDI JOBS</b> <ul style="list-style-type: none"> <li>▪ Job vs Transformation</li> <li>▪ Controlling Flow &amp; SQL Execution</li> <li>▪ File dan Folder Management &amp; Schedule a Job</li> </ul> </li> </ul>                          | 2 JP               |              | 2 JP         |
|              | <ul style="list-style-type: none"> <li>• LAB-4</li> </ul>                                                                                                                                                                                                                          |                    | 6 JP         | 6 JP         |
| 5            | <ul style="list-style-type: none"> <li>• <b>ADVANCE TOPICS</b> <ul style="list-style-type: none"> <li>▪ Regular Expression &amp; Data Extraction from JSON</li> <li>▪ Error Handling &amp; Administration (Backup, Restore, dll)</li> <li>▪ Troubleshooting</li> </ul> </li> </ul> | 2 JP               |              | 2 JP         |
|              | <ul style="list-style-type: none"> <li>• LAB-5</li> </ul>                                                                                                                                                                                                                          |                    | 6 JP         | 6 JP         |
| <b>TOTAL</b> |                                                                                                                                                                                                                                                                                    | <b>10 JP</b>       | <b>30 JP</b> | <b>40 JP</b> |