**TECHNICAL TEST - DATA SOLUTIONS**

**Basic Task**

1. Create a SQL query for table:
   1. Orders
   2. OrderId
2. Create a query for insert data for table Orders and OrderId (Order dan OrderID) or you can create a script to generate dummy data.
3. Create a query to display the names of users who have purchased more than 1 transaction

**Tables and Sample Data**

1. **Orders**

| **No.** | **Field name** | **Data type** | **Not NULL** | **Key** | **Notes** | **Sample Data** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Id | Integer | Y | Primary Key | Auto Increment | 1 |
| 2 | CreatedAt | Date | Y |  |  | 13/12/2001 |
| 3 | Users | Integer | Y |  |  | 1010 |
| 4 | ProductName | String | N |  |  | Rose Parfum |
| 5 | Price | Float | N |  |  | 2.3 |
| 6 | Quantity | Float | N |  |  | 7 |
| 7 | TotalPrice | Float | N |  |  | 16.1 |

1. **OrdersId**

| **No.** | **Field name** | **Data type** | **Not NULL** | **Key** | **Notes** | **Sample Data** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Id | Integer | Y | Primary Key |  | 1010 |
| 2 | Name | Date | Y |  |  | Ani |
| 3 | Gender | Integer | Y |  |  | Perempuan/Pria |
| 4 | Address | String | N |  |  | Jl. Soekarno Hatta No.7 |

**Data Ingestion dan Analytics Task**

* Create and design simple data modeling and analytical data using Order and OrderID tables

**Requirement and Details**

1. Create ETL design and implementation based on the tables above
2. Create a dashboard analytics from the two tables above.
3. After finishing your project, you need to push your project to Github Repository and make sure it's not private. Please make a clear documentation of your project.

**Hints**

1. You might need to define open source database (MySQL or Postgresql)
2. You’re free to choose ETL tools (Pentaho, Talend, Airflow etc)
3. You're free to choose data visualization platform