**Legal Notice:** This document contains privileged and/or confidential information and may not be disclosed, distributed or reproduced without the prior written permission of Datamola.

U2M1.LW.Core SQL

#### Kiryl Bucha

Contents

[1. Prerequisites Task Information 3](#_Toc45708027)

[1.1. Passwords Index 3](#_Toc45708028)

[1.2. Folder Paths Index 3](#_Toc45708029)

[2. Data Warehouse Architecture – Storage Layers 3](#_Toc45708030)

[2.1. Task 01: CREATE Storage Objects 3](#_Toc45708031)

[2.2. Task 02: Generate Test Data in Storage Layers 4](#_Toc45708032)

[2.3. Task 03: Create Group by Plan 4](#_Toc45708033)

# 1. Prerequisites Task Information

## 1.1. Passwords Index

|  |  |  |
| --- | --- | --- |
| Password Group | Login Name | Password |
| Operation System | root | “rootadmin” |
|  | oracle | “oracleadmin” |
|  |  |  |
| Oracle System | sys | “sysadmin” |
|  | system | “sysadmin” |
|  |  |  |
| Oracle Users | All DB users | “%PWD%” |
|  |  |  |
|  |  |  |

## 1.2. Folder Paths Index

|  |  |  |
| --- | --- | --- |
| Path Group | Path Description | Path |
| Operation System | Oracle RDBMS – BIN | /oracle/app/oracle |
|  | Oracle Inventory | /oracle/app/oraInventory |
|  | Oracle Database Storage | /oracle/oradata |
|  | Oracle Install Directory | /oracle/install |
| Oracle | ORACLE\_BASE | /oracle/app/oracle |
|  | ORACLE\_HOME | $ORACLE\_BASE/product/11.2 |
|  |  |  |
| FTP | ftp Incoming Folder | **/ftp/incoming** |
|  |  |  |
|  |  |  |

# 2. Data Warehouse Architecture – Storage Layers

## 2.1. Task 01: CREATE Storage Objects

**The Main Task** is to create Physical Objects according yours Solution Proposal that was developed on Module 6 – Oracle DB. Introduction to DWH.

**Task Results:**

Create scripts and edit scheme, which contained next:

* Scripts put on Git
* Storage Layers Objects

## 2.2. Task 02: Generate Test Data in Storage Layers

**The Main Task** is to generate test data on Storage layers objects, that was created on task 01.

**Task Results:**

Create scripts and edit scheme, which contained next:

* Scripts put on Git
* Storage Layers Objects test data select screenshots

## 2.3. Task 03: Create Group by Plan

**The Main Task** is to prepare adhoc SQL for segregate data view on SA\_\* objects (Storage).

**Operations:**

* + - Select
      * Group by
    - Merge
      * Group by

**Task Results:**

* Scripts put on Git