|  |
| --- |
| EPAM Systems, RD Dep. |
| MTN.BI.07 Data Warehouse Architecture |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| REVISION HISTORY | | | | | |
| Ver. | Description of Change | Author | Date | Approved | |
| Name | Effective Date |
| 1.0 | Initial status | [Kiryl Bucha](mailto:Kiryl_Bucha@epam.com) | 12-JAN-2012 |  |  |
| 2.0 | Updated in accordance with renewed content | [Elias Nema](mailto:Elias_Nema@epam.com) | 20-JAN-2014 |  |  |
| 3.0 | Report on the 8 task | Aksana Kuratnik | 10-NOV-2017 |  |  |

Contents

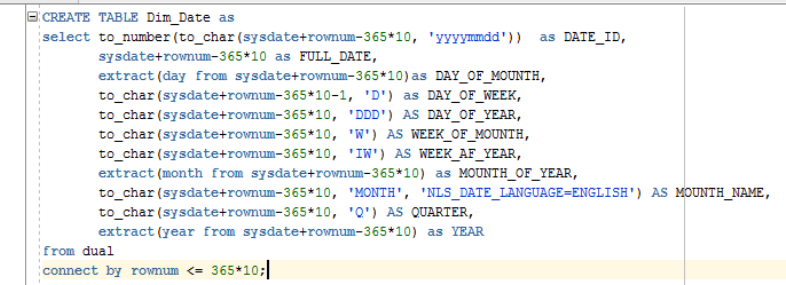
[1. Data Modeling Task 3](#_Toc383290597)

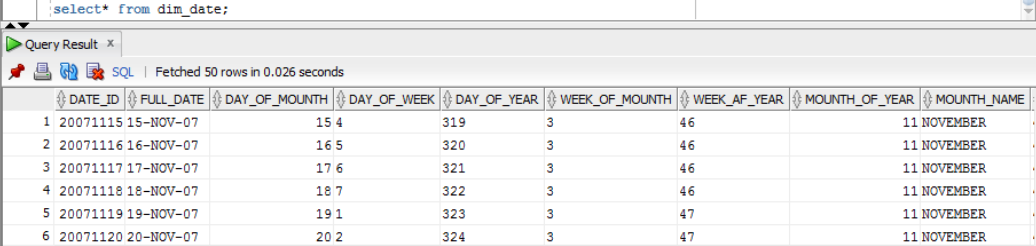
[2. Analytical task 3](#_Toc383290598)

[3. Results 3](#_Toc383290599)

# Data Modeling Task

As far as TIME is very special dimension, it would not be populated from the normalized layer. Instead it would be populated once in a lifetime. Your task would be to create script for DIM\_TIME\_DAY (\_MONTH, \_MINUTE dependent on the time granularity your business process need) and to populate it with data.





# Analytical task

Create high-level data-model for the 3NF level. Use a previously created dimensional model as a reference.

3NF layer of your Data Warehouse for your business.

* Dim\_Products
* Dim\_Product\_Type
* Dim\_Product\_Score
* Dim\_Manufacturer
* Dim\_Categories
* Dim\_Subcategories
* Dim\_Customers
* Dim\_Customer\_Location
* Dim\_Sellers
* Dim\_Orders
* Dim\_Date
* Dim\_PaymentMethod
* Dim\_DeliveryMethod

# Results

Result of this lab work should be:

* Scripts for creating a time dimension.
* Chapter in document with the 3NF model and design process.