# U2M6.LW.Analytic Functions

# Shkrabatouskaya Vera

https://github.com/VeraShkrabatouskaya/DataMola\_Data-Camping-2022

## 2. Analytic Functions - Basic

#### 2.1. Task 01: Create Ad Hoc SQL FIRST\_VALUE, LAST\_VALUE

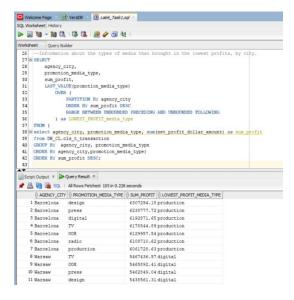
Create ad hoc SQL, which will analyze measurement using Analytic Functions:

FIRST\_VALUE, LAST\_VALUE

Let's get information about the types of media that brought in the highest profits, by city.

```
| Worksheet | Hotory | Worksheet | Hotory | Worksheet | Hotory | Worksheet | Worksheet | Hotory | Worksheet | Work
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Let's get information about the types of media that brought in the lowest profits, by city.

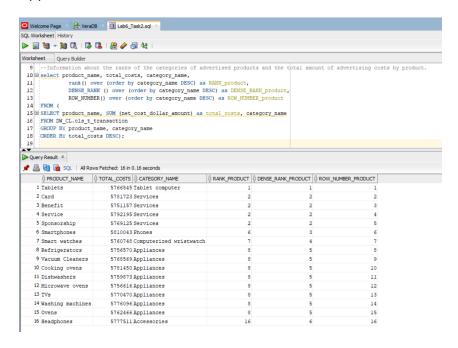


#### 2.2. Task 02: Create Ad Hoc SQL RANK, DENSE\_RANK, ROWNUM

Create ad hoc SQL, which will split rows of data by Groups using Analytic Functions:

• RANK, DENSE\_RANK, ROWNUM

Let's get information about the ranks of the categories of advertised products and the total amount of advertising costs by product.



### 2.3. Task 03: Create Ad Hoc SQL AGGREAGATE FUNCS

Create ad hoc SQL, which will analyze measurement using Analytic Functions:

AGGREAGATE FUNCS (MAX, MIN, AVG)

Let's get information about the maximum, minimum, average salary per project for each employee of the Starcom advertising network.

