**CineCube Report**This is a report on the Avg of amount when account is fixed to 'south Moravia' and reason is fixed to 'LEASING'. We will start by answering the original query and we complement the result with contextualization and detailed analyses.

**Answer to the original question**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Blansko | Breclav | Brno - mesto | Brno - venkov | Hodonin | Jihlava | Kromeriz | Prostejov | Trebic | Uherske Hradiste | Vyskov | Zdar nad Sazavou | Zlin | Znojmo |
|  | LEASING | 1253.94 | 1703.18 | 1476.00 | 1914.68 | 1530.00 | 1798.47 | 1385.95 | 1961.73 | 1923.27 | 776.00 | 1131.50 | 1940.97 | 2896.19 | 1681.00 |

Here, you can see the answer of the original query. You have specified account to be equal to 'south Moravia', and reason to be equal to 'LEASING'. We report on Avg of amount grouped by account at level 1, and reason at level 0 .  
You can observe the results in this table. We highlight the largest values with red and the lowest values with blue color.   
Row LEASING has 3 of the 3 highest values.  
Row LEASING has 3 of the 3 lowest values.

**Act I: Putting results in context**In this series of slides we put the original result in context, by comparing the behavior of its defining values with the behavior of values that are similar to them.

**Assessing the behavior of reason**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Summary for reason | Blansko | Breclav | Brno - mesto | Brno - venkov | Hodonin | Jihlava | Kromeriz | Prostejov | Trebic | Uherske Hradiste | Vyskov | Zdar nad Sazavou | Zlin | Znojmo |
|  | **LEASING** | **1253.94** | **1703.18** | **1476.00** | **1914.68** | **1530.00** | **1798.47** | **1385.95** | **1961.73** | **1923.27** | **776.00** | **1131.50** | **1940.97** | **2896.19** | **1681.00** |

In this graphic, we put the original request in context by comparing the value 'LEASING' for reason at level 0 with its sibling values. We highlight the reference cells with bold, the highest values with red and the lowest values with blue color. We calculate the Avg of amount while fixing account at level 2 to be equal to ''south Moravia'', and reason at level 1 to be equal to ''LEASING''.

**Act II: Explaining results**In this series of slides we will present a detailed analysis of the values involved in the result of the original query. To this end, we drill-down the hierarchy of grouping levels of the result to one level of aggregation lower, whenever this is possible.

**Drilling down the Columns of the Original Result**

|  |  |  |  |
| --- | --- | --- | --- |
|  | *Blansko* |  | LEASING |
|  |  | 1380 | 1200.00 (1) |
|  |  | 3258 | 1646.00 (1) |
|  |  | 3702 | 418.00 (1) |
|  |  | 4537 | 1352.10 (1) |
|  |  | 5661 | 1653.60 (1) |
|  | *Breclav* |  |  |
|  |  | 1793 | 1345.00 (1) |
|  |  | 2858 | 500.00 (1) |
|  |  | 3632 | 2544.00 (1) |
|  |  | 3717 | 1558.20 (1) |
|  |  | 500 | 2629.60 (1) |
|  |  | 874 | 1642.30 (1) |
|  | *Brno - mesto* |  |  |
|  |  | 10 | 1344.00 (1) |
|  |  | 1005 | 3302.00 (1) |
|  |  | 2645 | 725.00 (1) |
|  |  | 4266 | 507.00 (1) |
|  |  | 4442 | 1502.00 (1) |
|  | *Brno - venkov* |  |  |
|  |  | 243 | 1041.00 (1) |
|  |  | 3584 | 3382.70 (1) |
|  |  | 405 | 1339.00 (1) |
|  |  | 4143 | 1896.00 (1) |
|  | *Hodonin* |  |  |
|  |  | 2169 | 1530.00 (1) |
|  | *Jihlava* |  |  |
|  |  | 2711 | 871.00 (1) |
|  |  | 2803 | 1904.00 (1) |
|  |  | 4026 | 2620.40 (1) |
|  | *Kromeriz* |  |  |
|  |  | 1074 | 1416.00 (1) |
|  |  | 2192 | 1852.00 (1) |
|  |  | 2338 | 1207.80 (1) |
|  |  | 925 | 1068.00 (1) |
|  | *Prostejov* |  |  |
|  |  | 1321 | 636.00 (1) |
|  |  | 2219 | 4103.80 (1) |
|  |  | 2385 | 1305.00 (1) |
|  |  | 2472 | 1233.00 (1) |
|  |  | 494 | 2629.60 (1) |
|  |  | 728 | 1863.00 (1) |
|  | *Trebic* |  |  |
|  |  | 1453 | 1250.80 (1) |
|  |  | 1897 | 1791.50 (1) |
|  |  | 2052 | 1799.00 (1) |
|  |  | 308 | 1284.00 (1) |
|  |  | 3933 | 1616.20 (1) |
|  |  | 8998 | 3798.10 (1) |
|  | *Uherske Hradiste* |  |  |
|  |  | 1560 | 1137.00 (1) |
|  |  | 2583 | 415.00 (1) |
|  | *Vyskov* |  |  |
|  |  | 627 | 554.00 (1) |
|  |  | 77 | 1709.00 (1) |
|  | *Zdar nad Sazavou* |  |  |
|  |  | 1416 | 3688.00 (1) |
|  |  | 4418 | 881.00 (1) |
|  |  | 5065 | 1541.30 (1) |
|  |  | 5692 | 1653.60 (1) |
|  | *Zlin* |  |  |
|  |  | 133 | 3094.00 (1) |
|  |  | 1749 | 4560.80 (1) |
|  |  | 2628 | 3090.00 (1) |
|  |  | 2763 | 4191.20 (1) |
|  |  | 3755 | 2956.10 (1) |
|  |  | 4071 | 1078.00 (1) |
|  |  | 8341 | 1303.20 (1) |
|  | *Znojmo* |  |  |
|  |  | 120 | 1899.00 (1) |
|  |  | 2497 | 1871.00 (1) |
|  |  | 4150 | 1273.00 (1) |

In this slide, we expand dimension account by drilling down from level 1 to level 0. For each cell we show both the Avg of amount and the number of tuples that correspond to it in parentheses. We highlight the 15 lowest values in blue and the 16 largest in red color.  
Some interesting findings include:  
Column LEASING has 16 of the 16 highest values.  
Column LEASING has 14 of the 15 lowest values.

**Summary**-In this slide we summarize our findings.  
-Concerning the original query, some interesting findings include:  
-Row LEASING has 3 of the 3 highest values.  
-Row LEASING has 3 of the 3 lowest values.  
-  
-Then we analyzed the results by drilling down one level in the hierarchy.  
-When we drilled down account, we observed the following facts:  
-  
-Column LEASING has 16 of the 16 highest values.  
-Column LEASING has 14 of the 15 lowest values.