**CALCULATING THE VOLUME DISCOUNT amount ( giving a certain period , customer AND product)**

What’s the problem?

Production is all year but starts increasing rapidly in october year N till march N+1.

This cause a problem in inventory ( where to store the products? ) .

So in order to solve this storage problem customers are encouraged to buy the products in this giving period and store them in their own storage facility.

This comes of course at the price:

A discount rate is offered at the customers but not all customers receive the same discount rate

Restrictions:

* Top customers A B C receive other discount % then customer D to Z
* These % are valid for the sales from 01/09/N till 31/ 03/N+1
* Discount % are valid only for product A and B and C

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | customer A |  |  | customer C |
|  | turnover |  |  |  | turnover |  |
| from | to | % |  | from | to | % |
| 0 | 5.000.000 | 0,00% |  | 0 | 3.000.000 | 0,00% |
| 5.000.000 | 10.000.000 | 0.10% |  | 3.000.000 | 5.000.000 | 0.10% |
| 10.000.000 | 15.000.000 | 0,20% |  | 5.000.000 | 10.000.000 | 0.20% |
| 15.000.000 | 20.000.000 | 0,30% |  | 10.000.000 | 15.000.000 | 0.30% |
| 20.000.000 | 99.000.000 | 0,40% |  | 15.000.000 | 99.000.000 | 0.40% |
|  |  |  |  |  |  |  |
|  | customer B |  |  | customer D tot Z |
|  | turnover |  |  |  | turnover |  |
| from | to | % |  | from | to | % |
| 0 | 2.000.000 | 0,00% |  | 0 | 2.000.000 | 0,10% |
| 2.000.000 | 4.000.000 | 0.08% |  | 2.000.000 | 4.000.000 | 0.15% |
| 4.000.000 | 8.000.000 | 0.10% |  | 4.000.000 | 8.000.000 | 0.20% |
| 8.000.000 | 10.000.000 | 0.12% |  | 8.000.000 | 15.000.000 | 0.25% |
| 10.000.000 | 99.000.000 | 0.20% |

Having a fact table with all the needed data for two years ( date, customer, sales, product #,…)

What is the best practice to tackle this problem with power BI?

Need a weekly/monthly report to take into account the provision.

I made a power BI file that does the calculation for customer A.

As I just started with power BI this can be improved in many ways?

How can this be made more dynamic when % change and products change