# **MATILLION - COST MONITORING DASHBOARD**

Monitoring Matillion credit consumption through Snowsight dashboards provides *real-time insights, cost transparency, and customizable metrics*. With Snowsight, you can track credit usage, analyze trends, and drill down into details. The dashboards offer powerful data visualization, facilitating effective communication of credit consumption patterns. You can collaborate with stakeholders and share the dashboards for a shared understanding of costs.

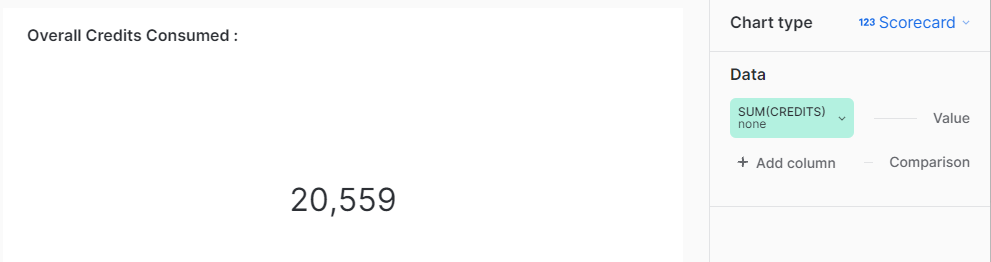
Snowsight also supports alerting and notifications to promptly identify significant changes in credit usage. By leveraging Snowsight's capabilities, you can optimize resource allocation, make informed decisions, and control costs. The real-time visibility helps you understand the financial impact of your Matillion usage, plan budgets, and forecast future capacity needs.

Below are some KPIs which help to get necessary information for efficient cost management and resource optimization.

## Overall Credits Consumed :

select sum(credits) from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS;

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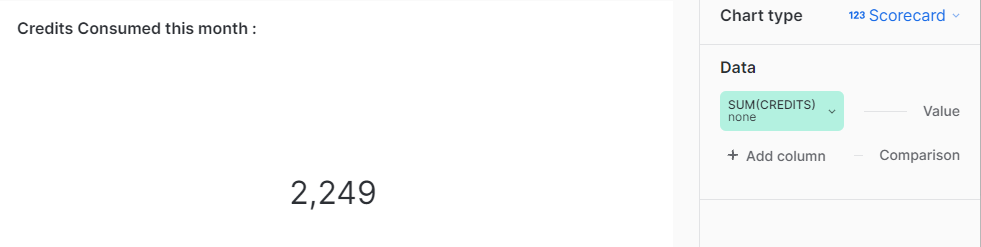


## Credits Consumed this month :

select sum(credits) from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS where

monthname(used\_at)=monthname(current\_date) ;

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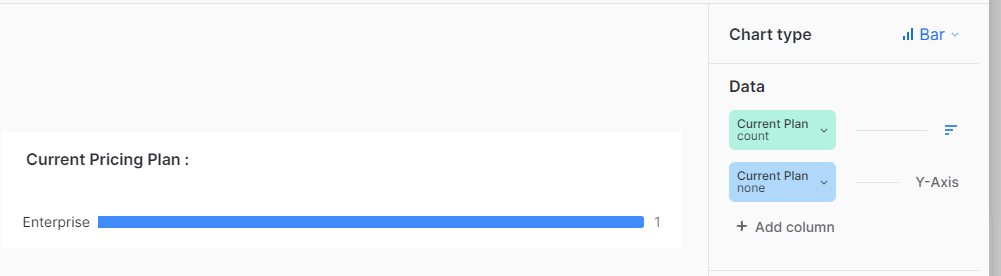


## Current Pricing Plan :

select plan as "Current Plan" from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS

order by used\_at desc limit 1;

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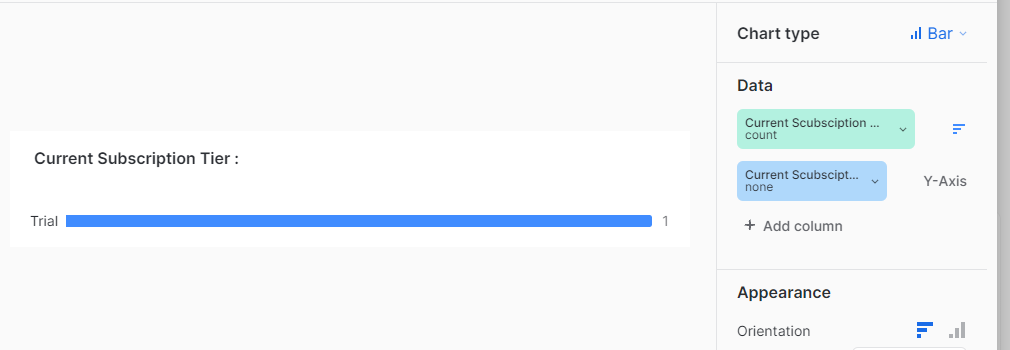


## Current Subscription Tier :

select SUBSCRIPTION as "Current Scubsciption Tier" from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS

order by used\_at desc limit 1;

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## Monthwise credits consumed :

select sum(credits) as total\_credits, to\_date(used\_At) as mon\_part

from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS group by mon\_part;

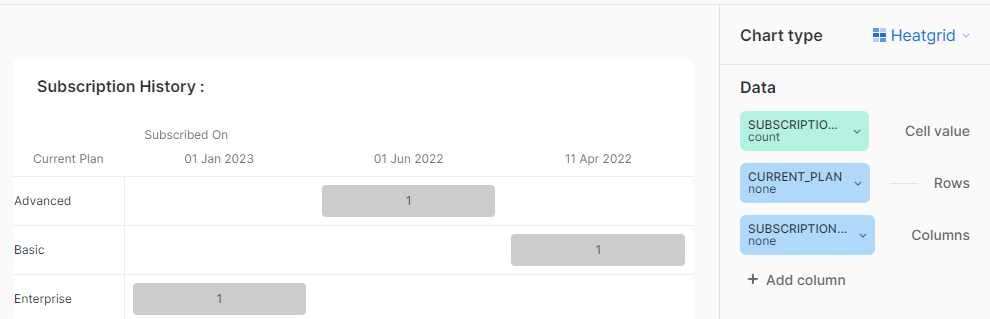
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## Subscription History :

select distinct(plan) as current\_plan, to\_varchar(min(used\_at),'dd mon yyyy') as Subscription\_date from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS

group by current\_plan order by Subscription\_date desc;

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## Credits used for any month:

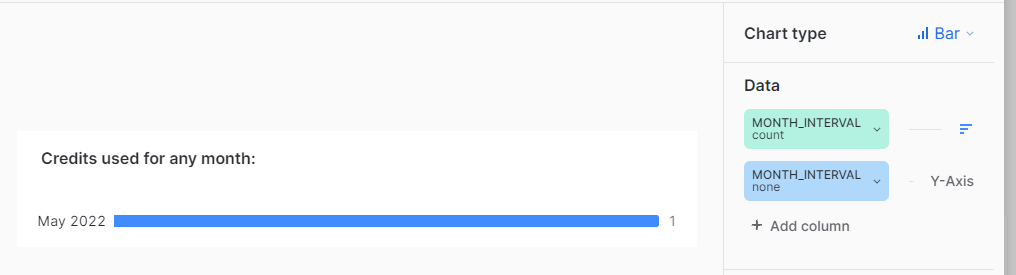
select replace(split(to\_varchar(used\_At,'mon yyyy ,dd'),' ,')[0],'"','') month\_interval

from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS

where date\_part('year',used\_at)= :yr and date\_part('month',used\_at)= :mon

group by month\_interval ;

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## Total credits consumed :

select sum(credits) as total\_credits, 'Total credits' as header,

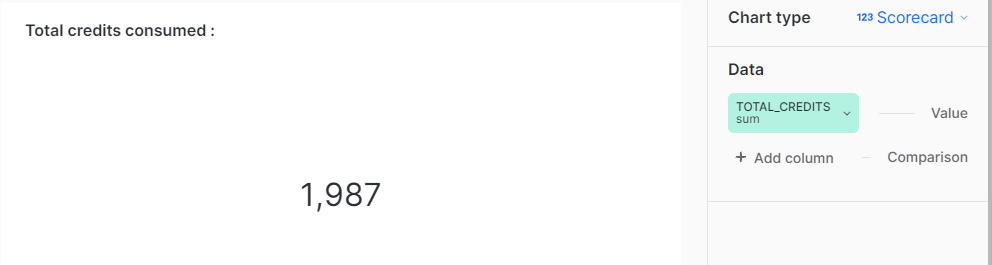
replace(split(to\_varchar(used\_At,'mon yyyy ,dd'),' ,')[0],'"','') month\_interval

from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS

where date\_part('year',used\_at)= :yr and date\_part('month',used\_at)= :mon

group by month\_interval ;

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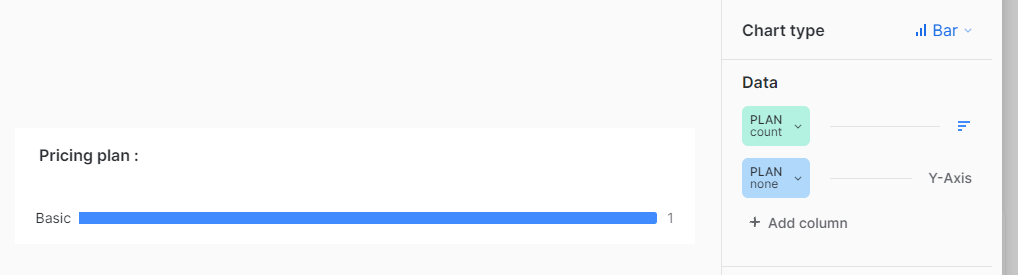
## Pricing plan :

select distinct(plan)

from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS

where date\_part('year',used\_at)= :yr and date\_part('month',used\_at)= :mon





## Billed Amount :

select sum(credits) as total\_credits,'Cost' as header,

case when subscription='Trial' or Plan='Free' then 0

when subscription='Pay-as-you-go' and Plan='Basic' then total\_credits\*2.00

when subscription='Pay-as-you-go' and Plan='Advanced' then total\_credits\*2.50

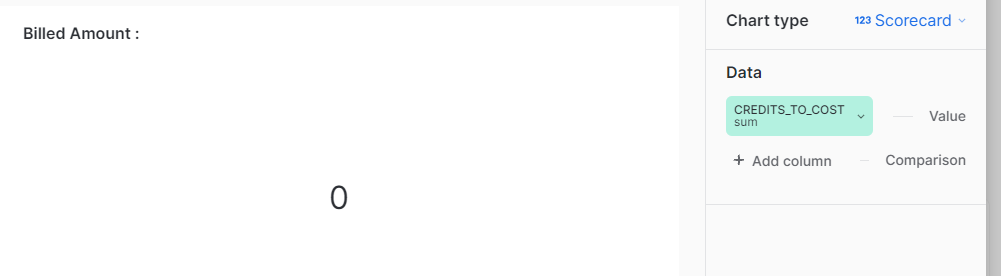
when subscription='Pay-as-you-go' and Plan='Enterprise' then total\_credits\*2.70

end as credits\_to\_cost

from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS where

month(used\_at)=:mon and year(used\_at)=:yr group by subscription, plan ;

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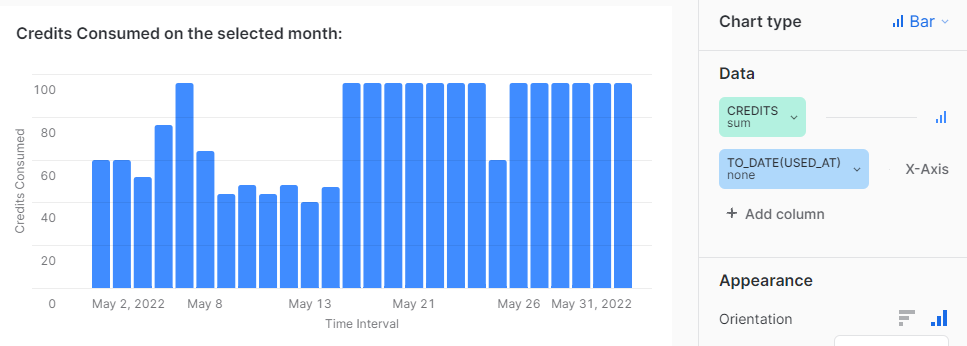


## Credits Consumed on the selected month:

select credits, to\_Date(used\_at) from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS

where date\_part('year',used\_at)=:yr and date\_part('month',used\_at)=:mon;

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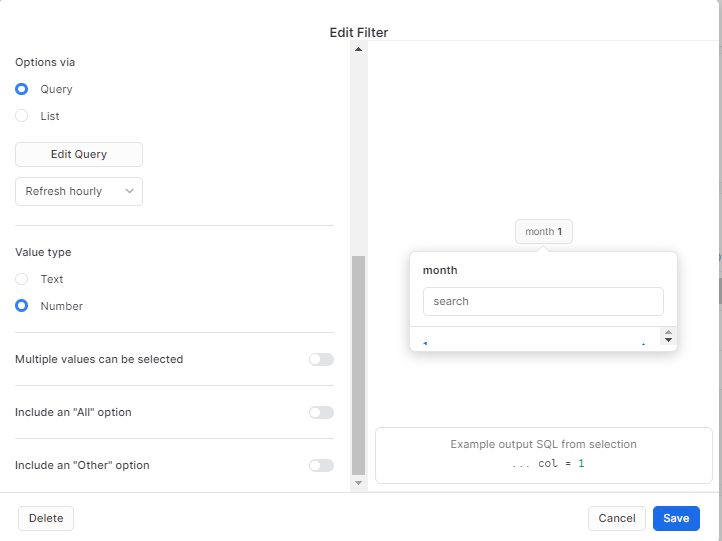


## Filters

1. = Month

Filter Keyword = :mon

Other configurations:

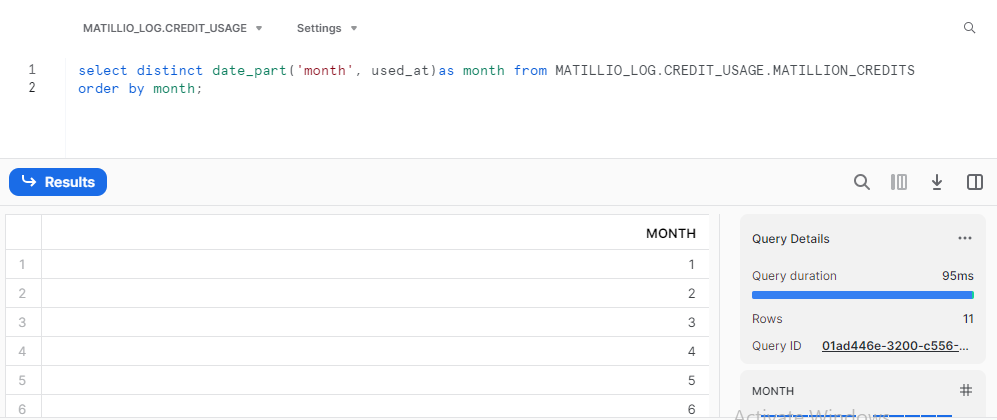
**Filter Name**

**Query**:

select distinct date\_part('month', used\_at)as month from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS

order by month;

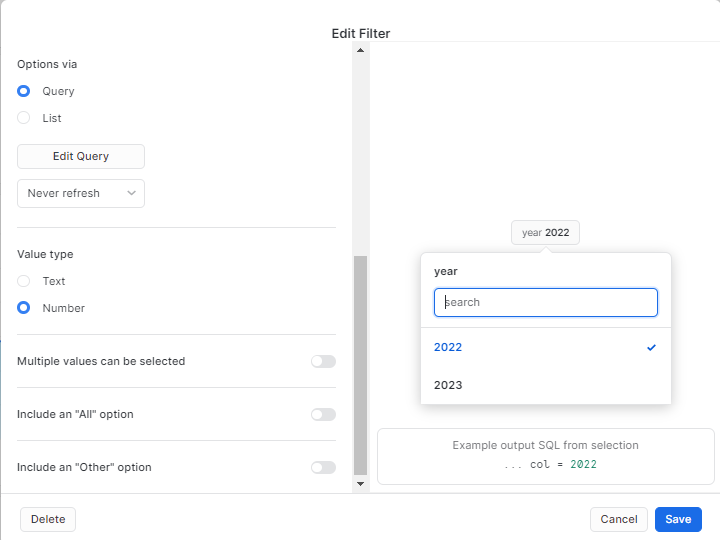
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1. **Filter name** = year

Filter keyword = :yr

Other configurations =



**Query:**

select distinct date\_part('year',used\_at) from MATILLIO\_LOG.CREDIT\_USAGE.MATILLION\_CREDITS;

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