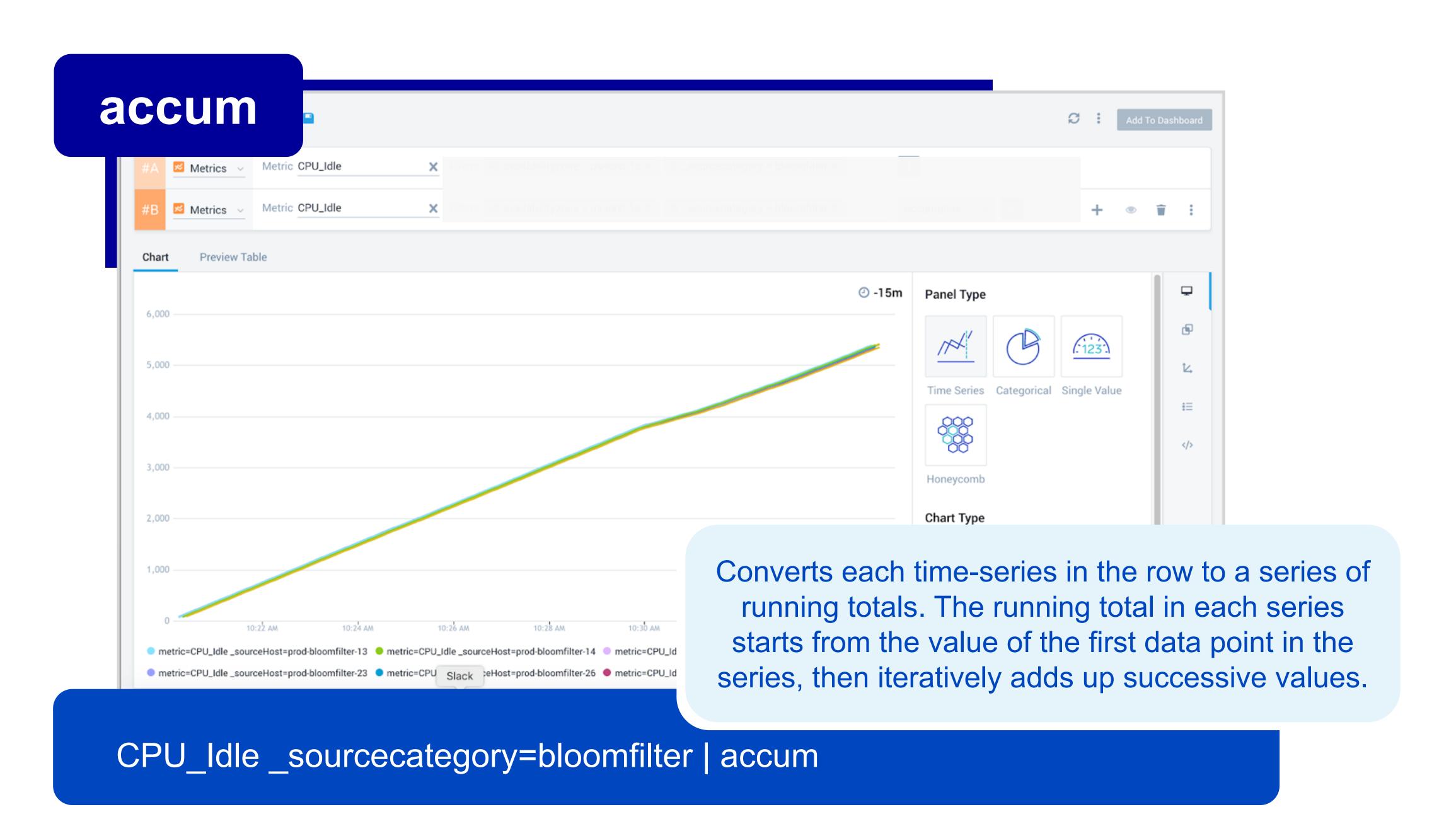
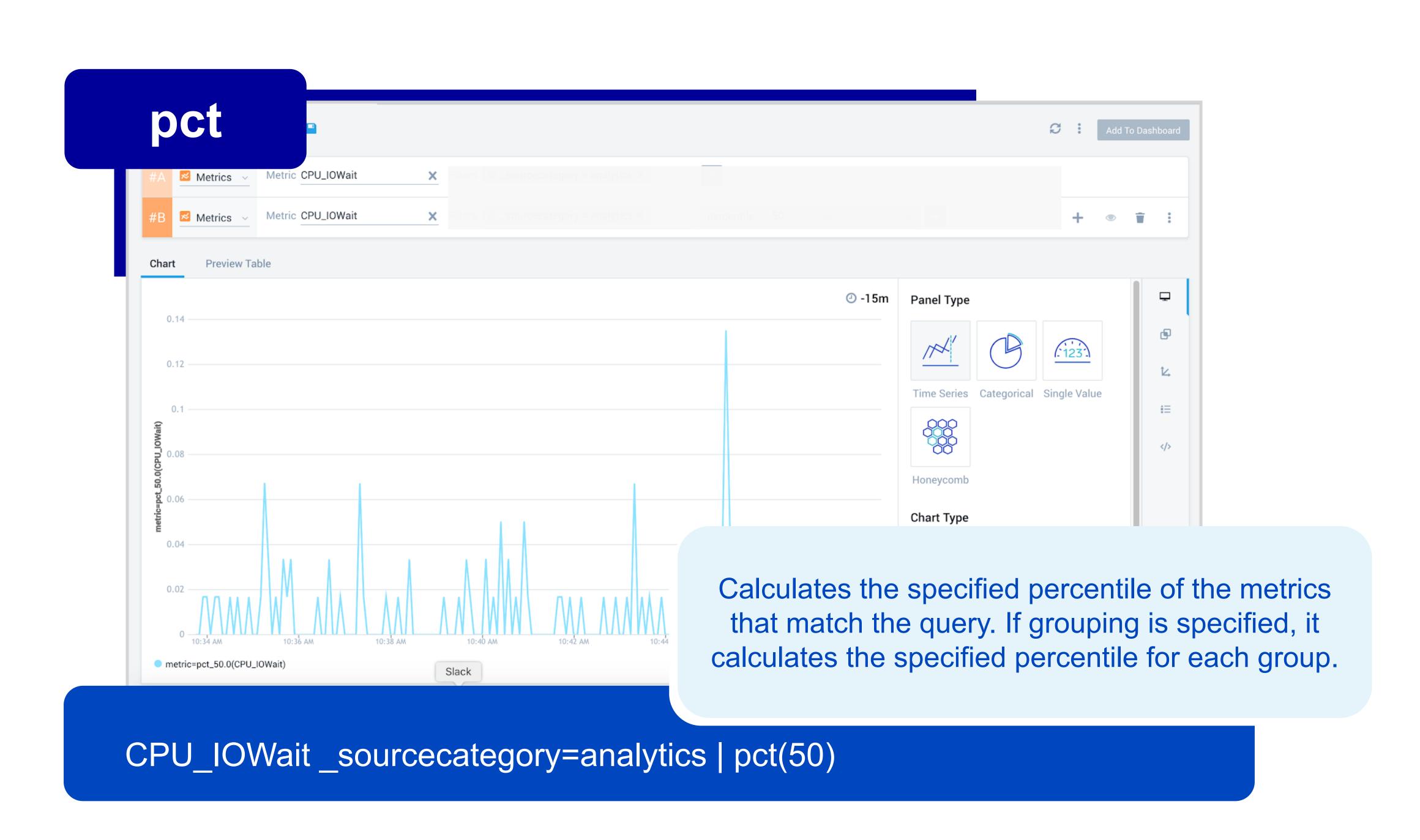
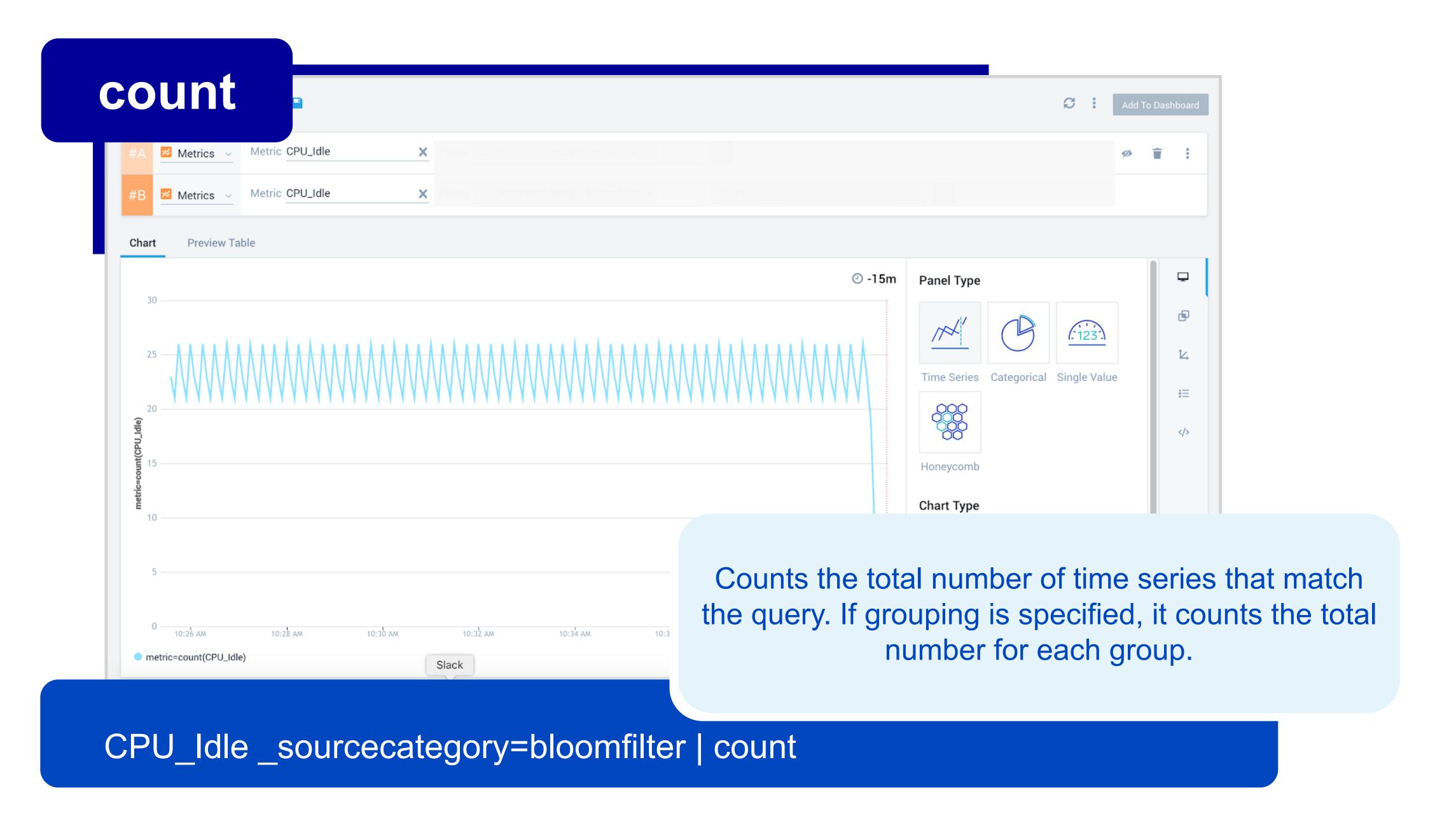
#### AGGREGATION

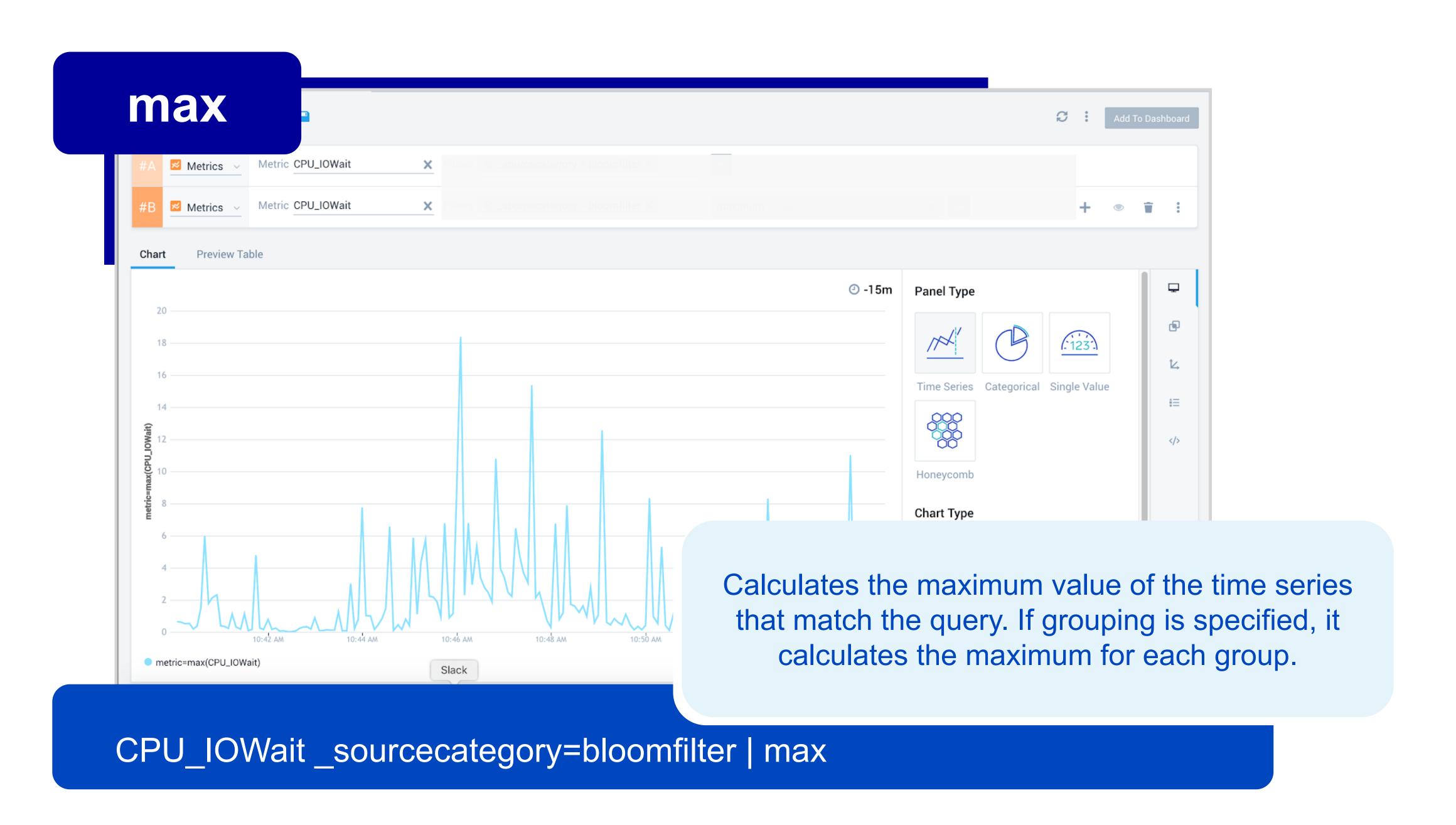




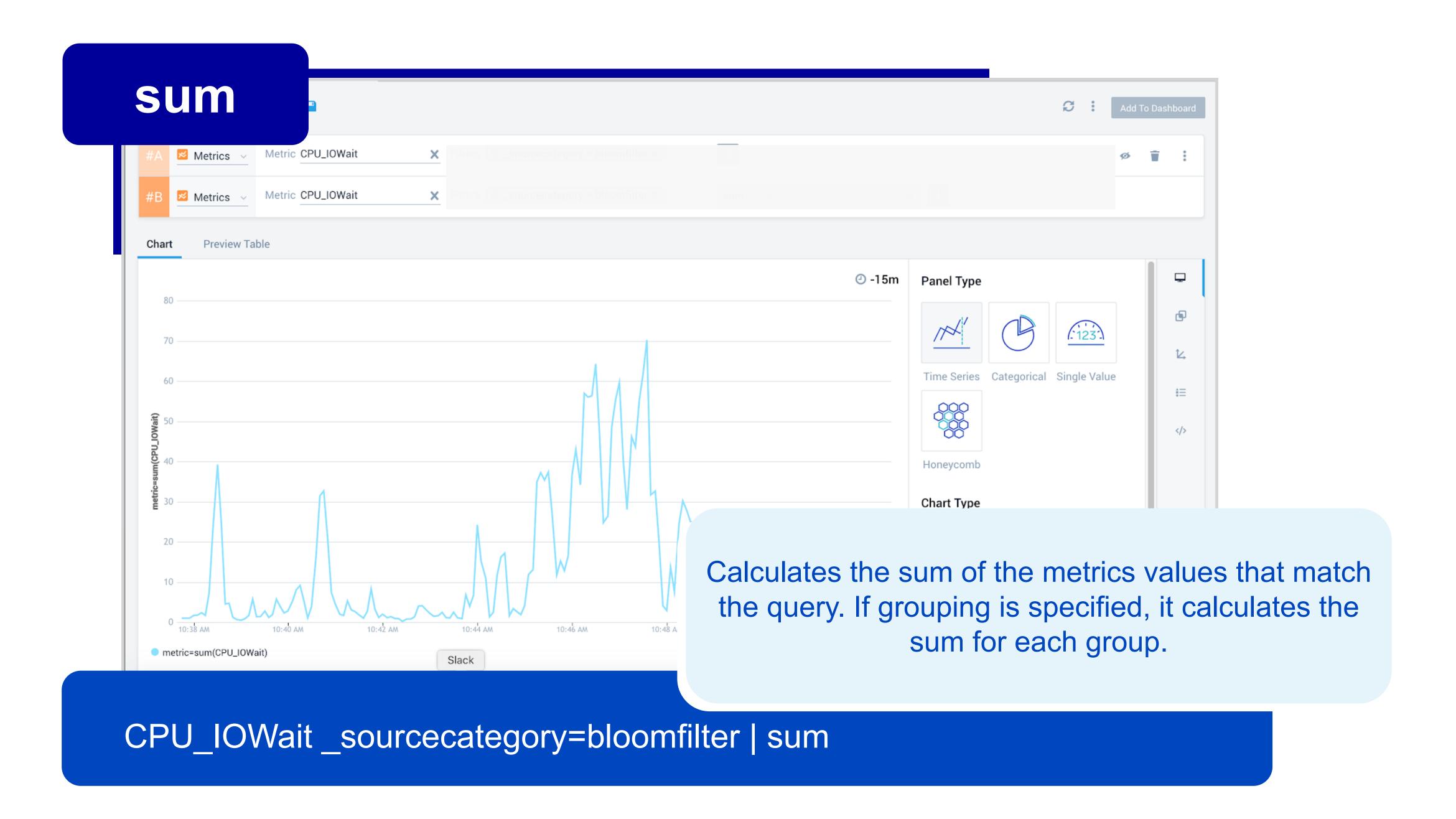






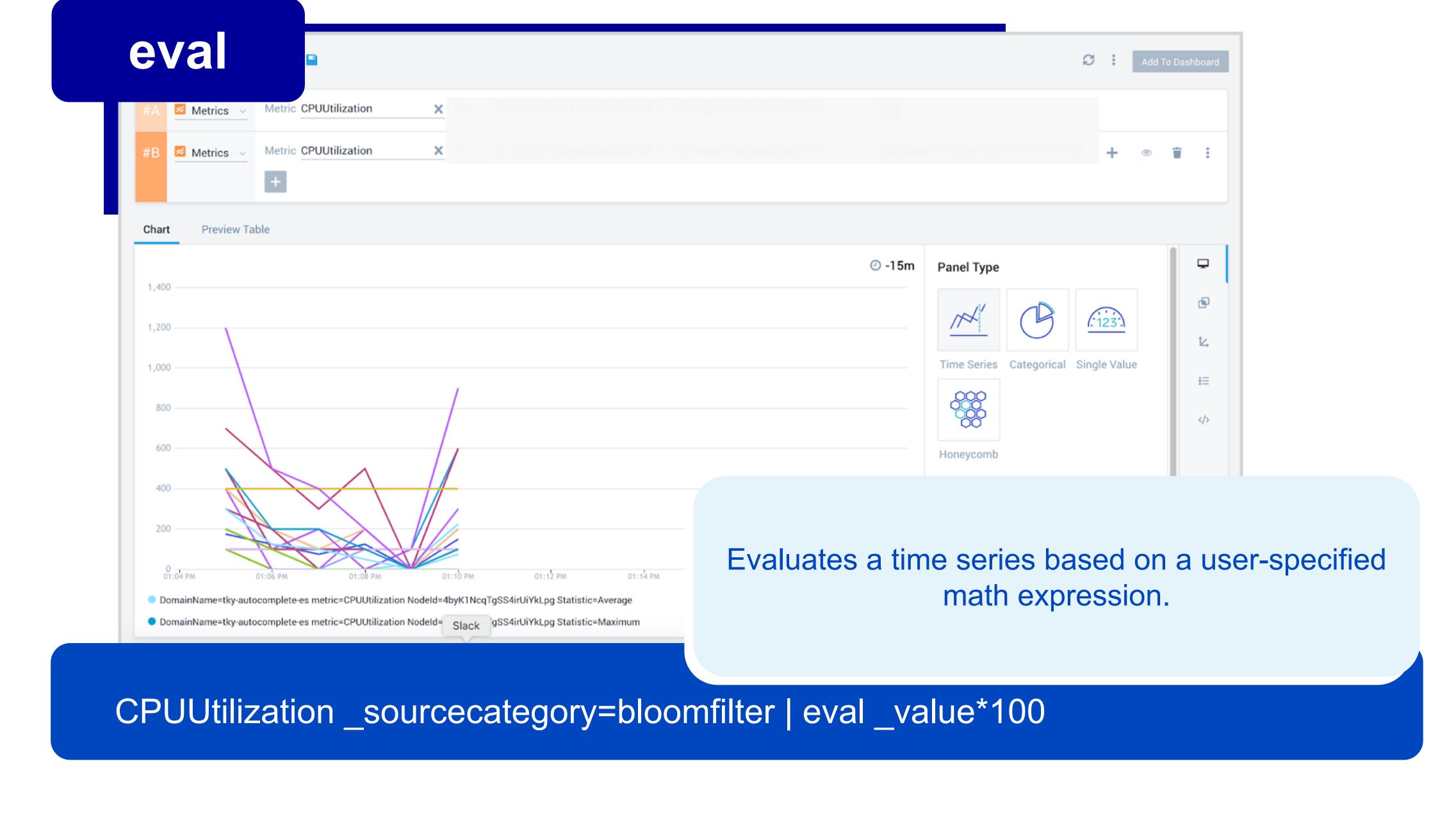


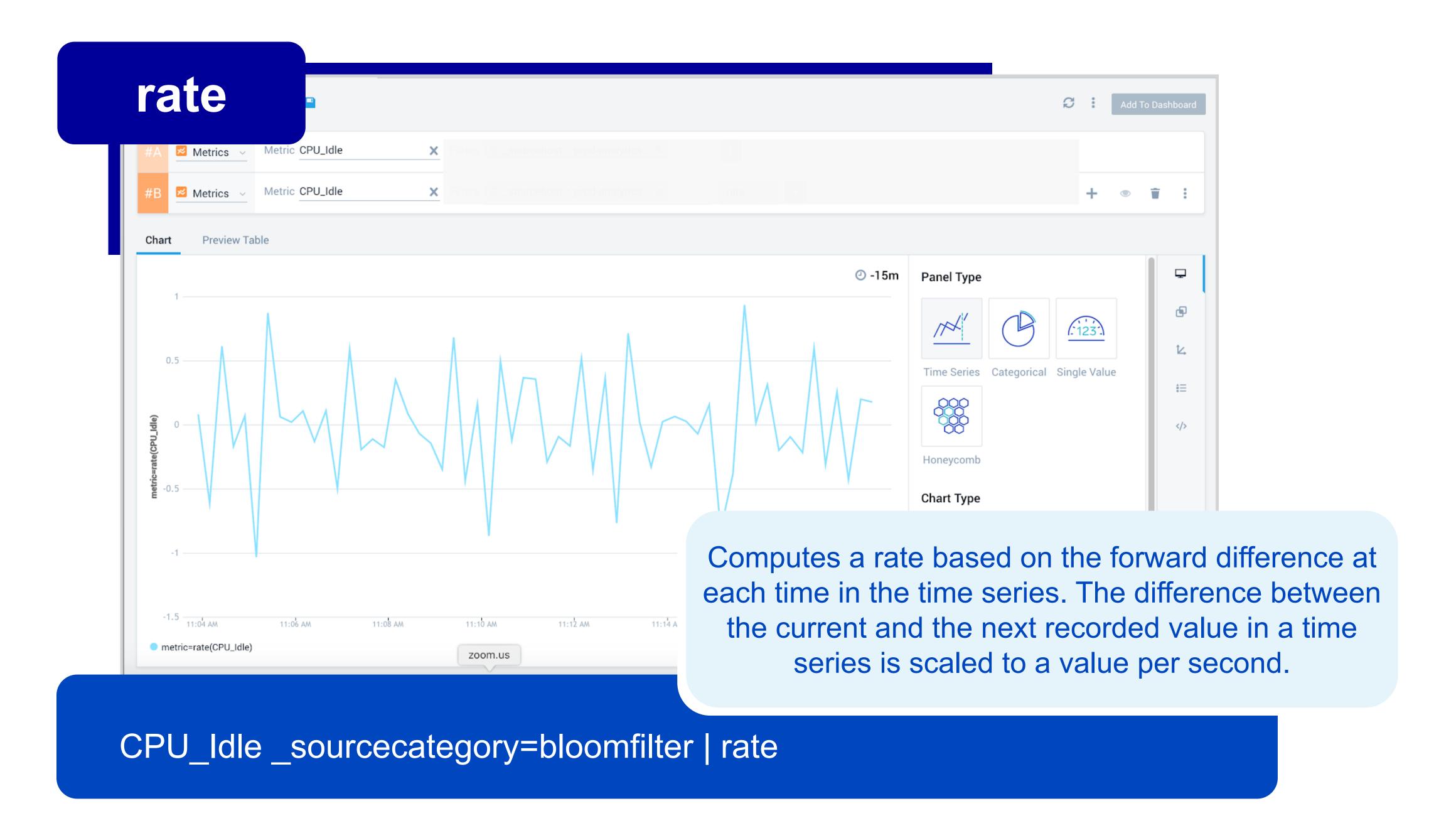
## AGGREGATION



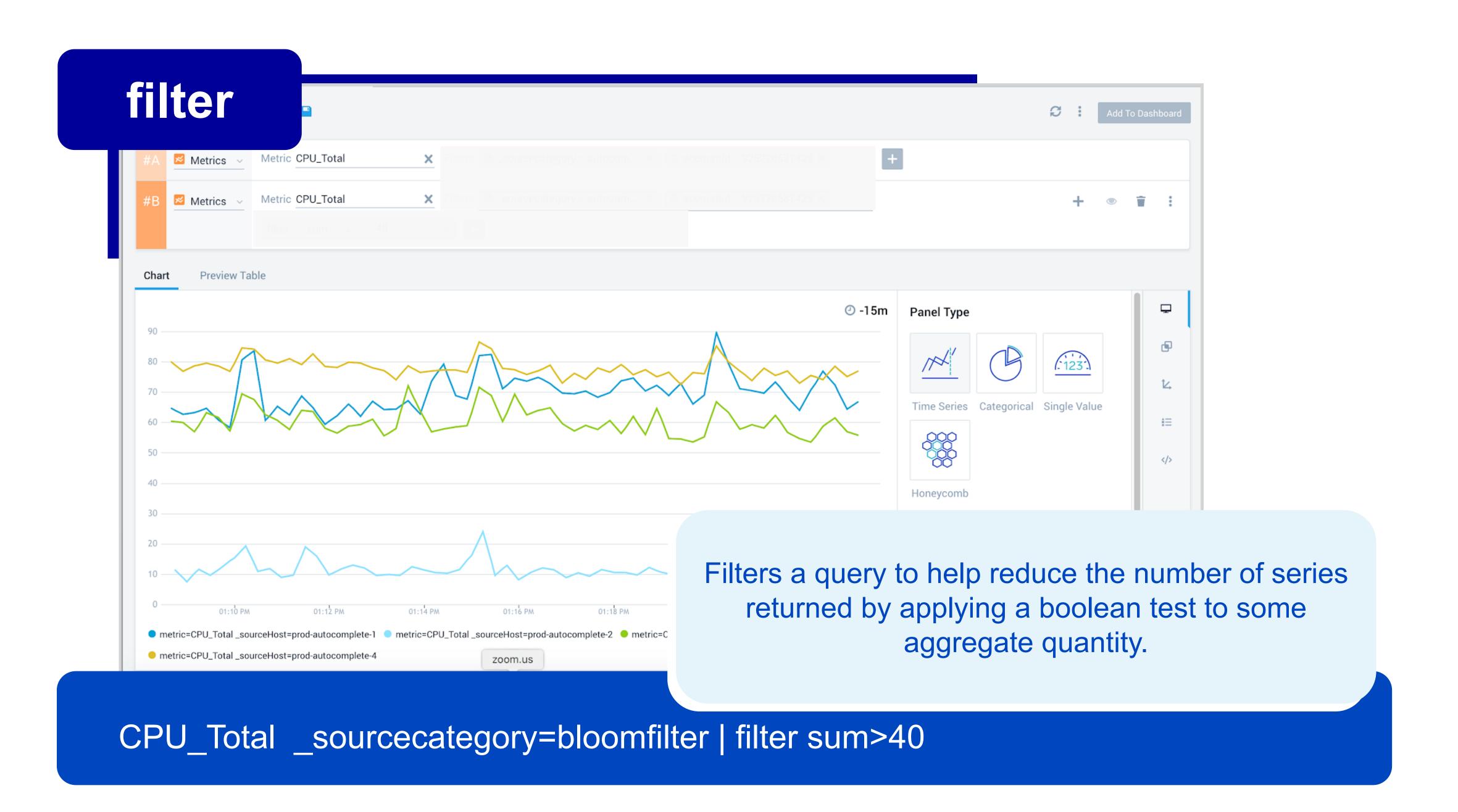
## RATE/DELTA

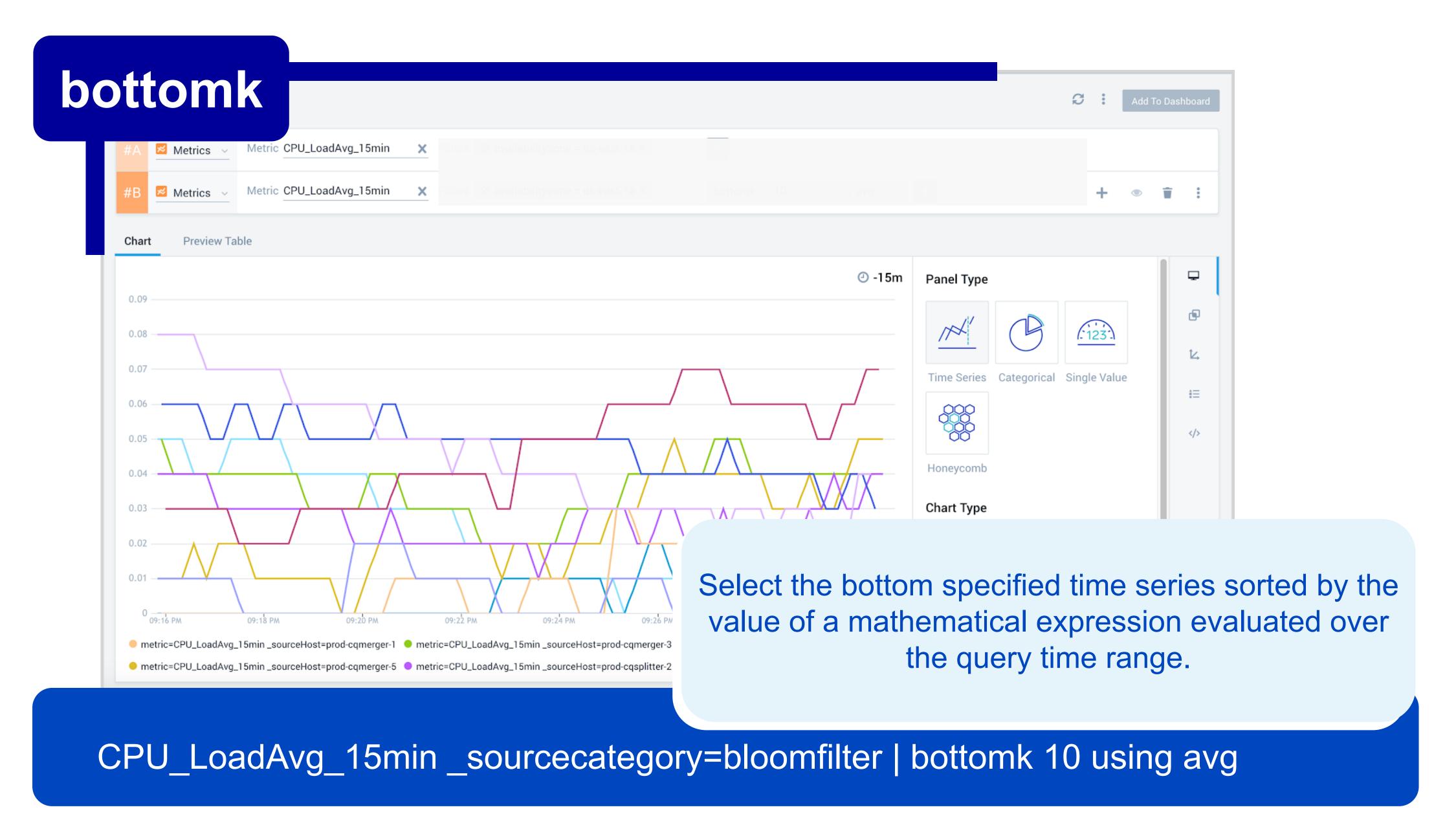


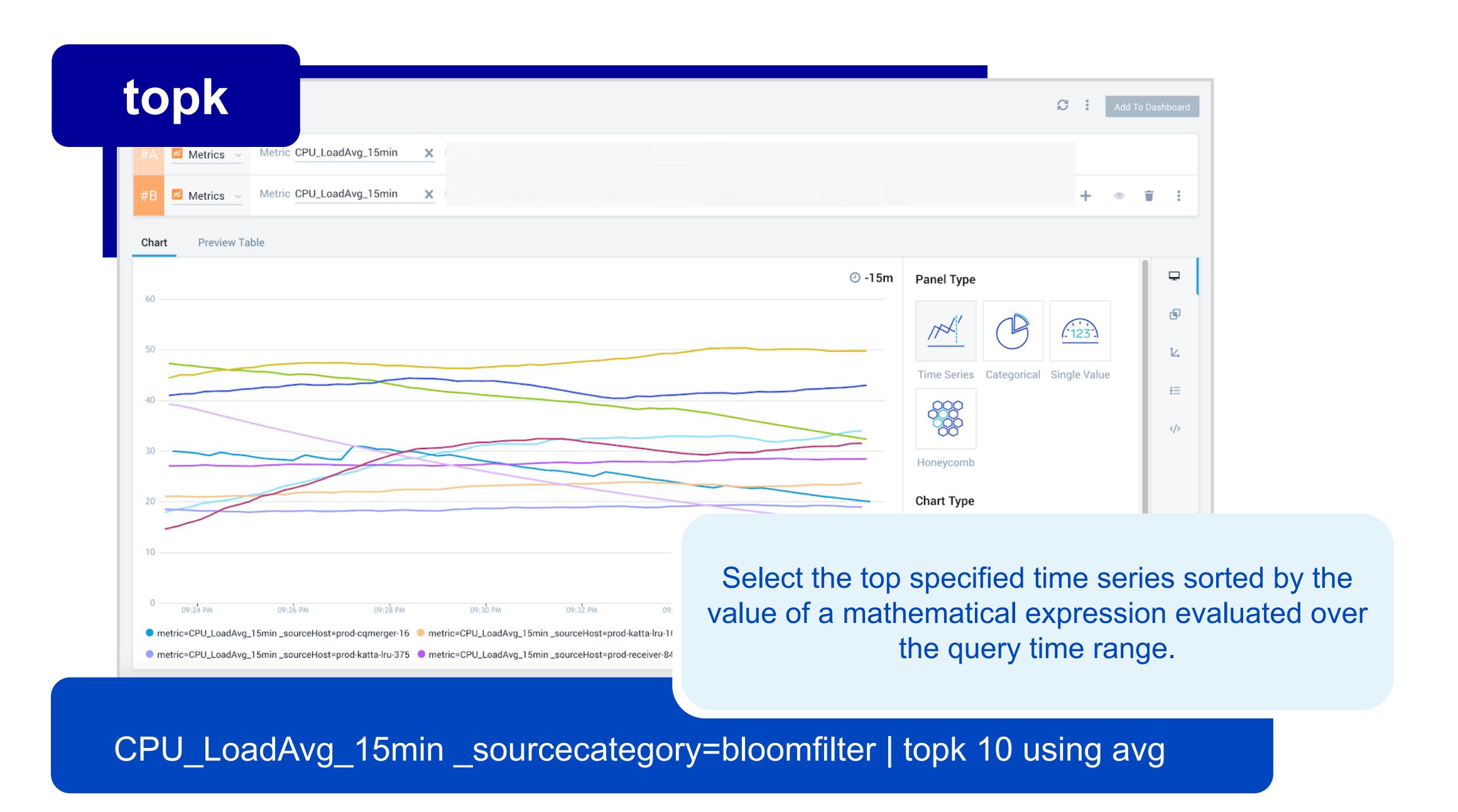




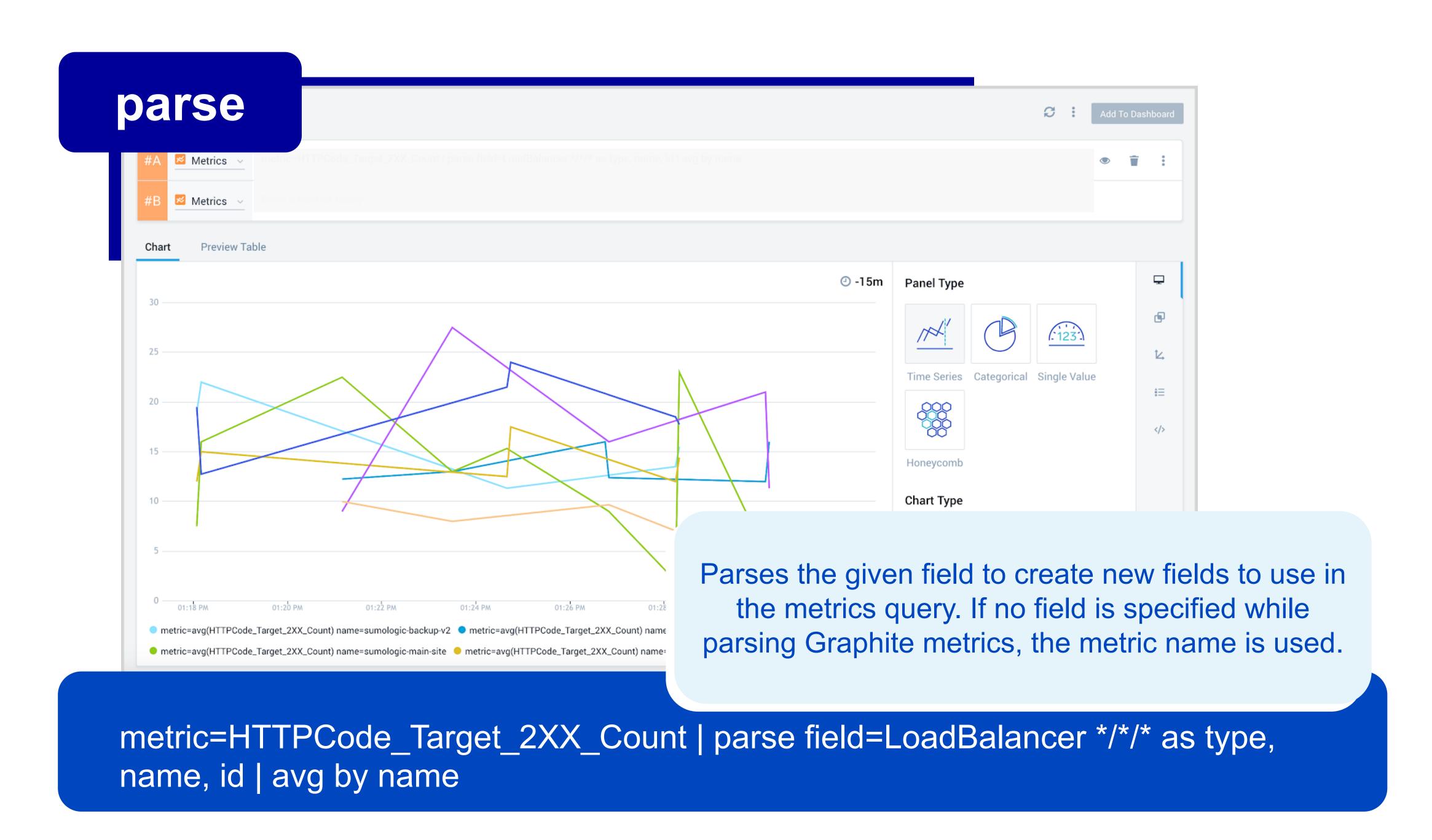
## FILTER

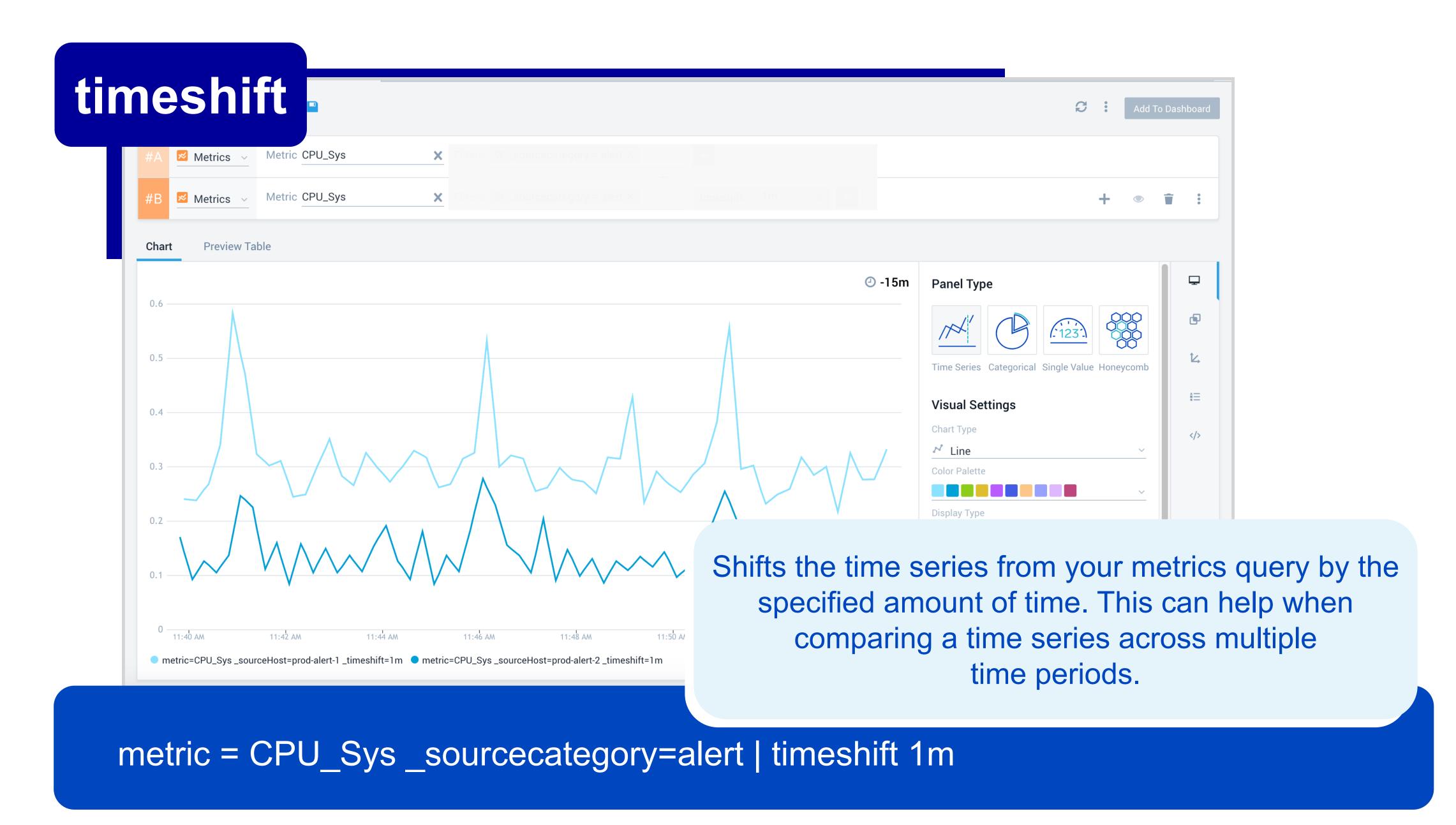


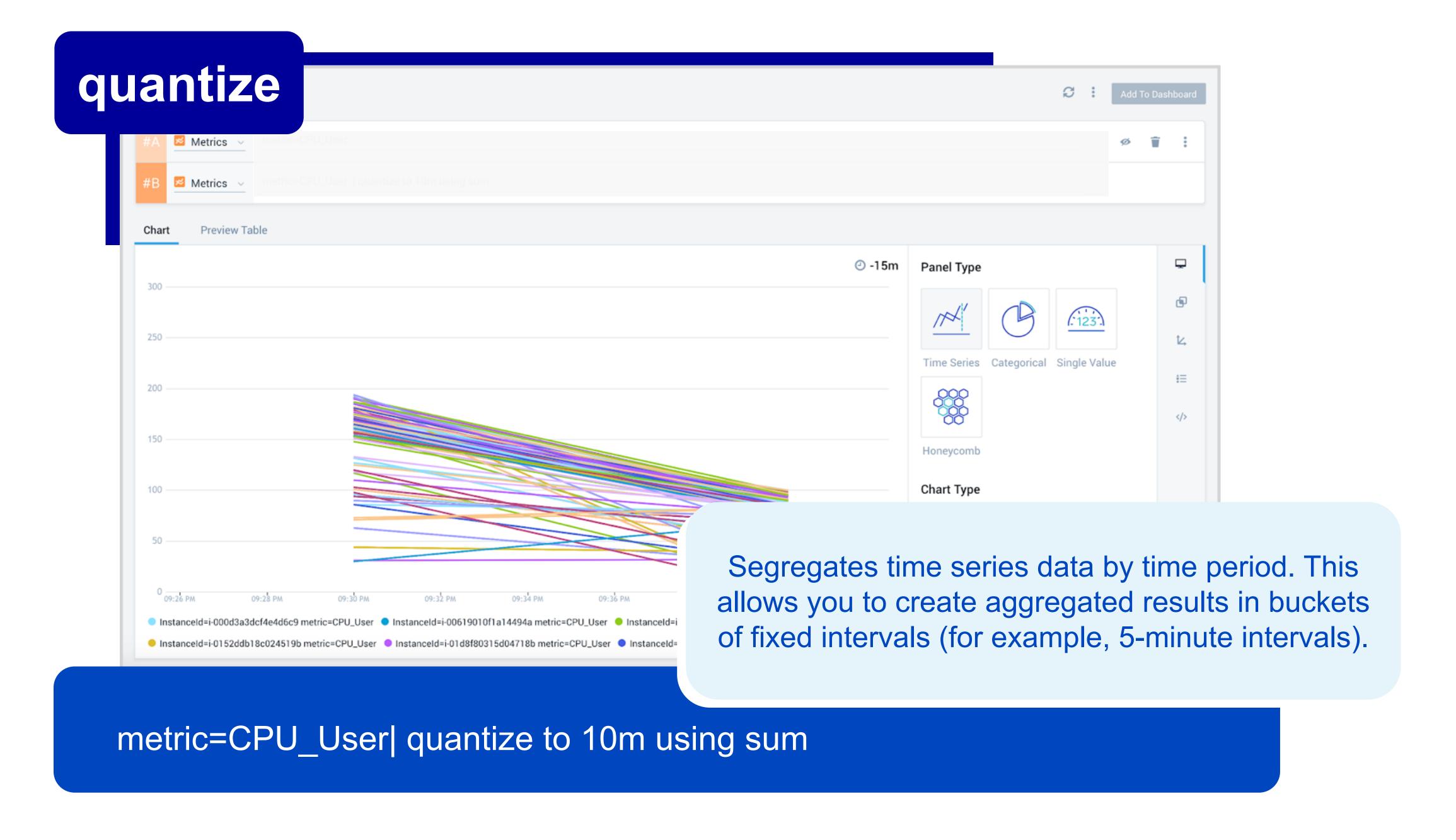




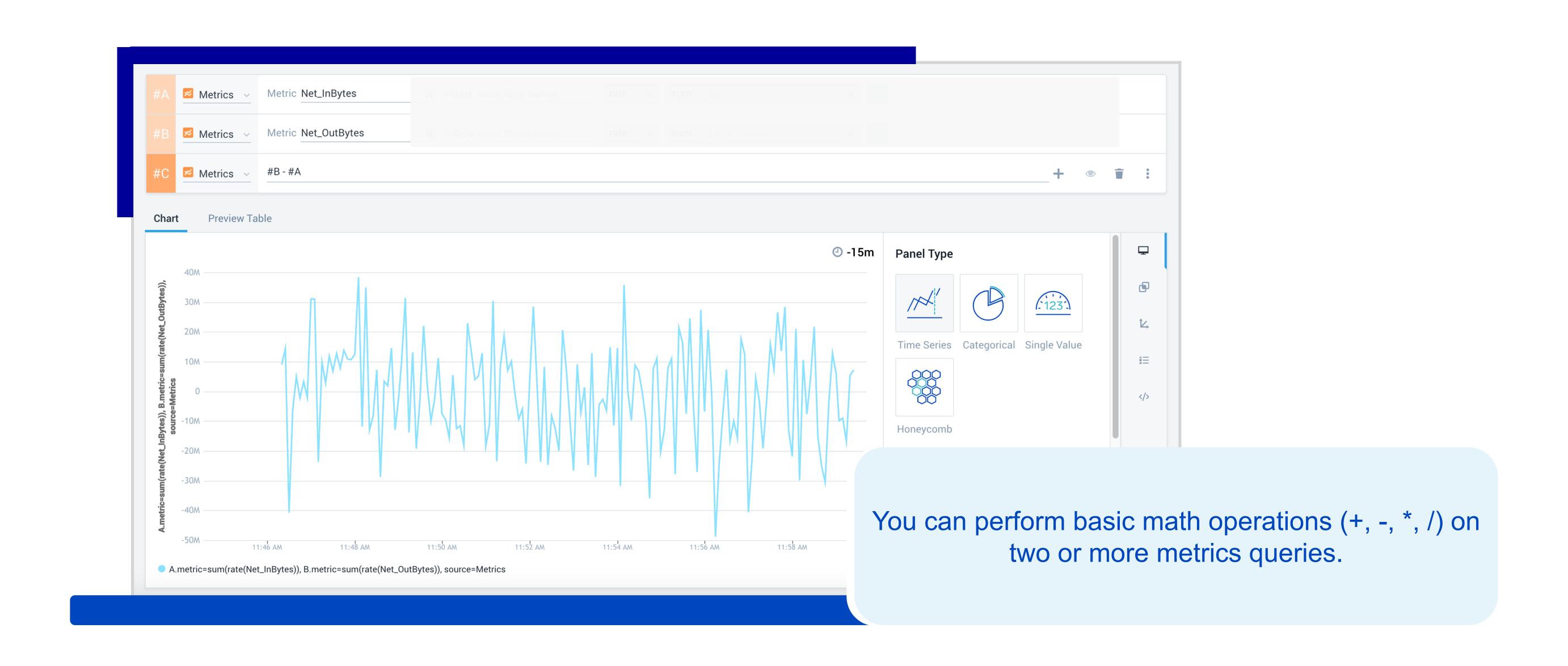
## QUERY OPERATORS







## JOIN METRICS QUERIES



#### Net incoming and Outgoing Traffic

If you are ingesting network information, you could use metrics queries and math operations to chart the net difference of incoming and outgoing network traffic.

- 1. Define the incoming traffic as the result of rate and sum (to simplify the data). This will become our variable #A Metric Net\_InBytes rate sum
- 2. Define the outgoing traffic as the result of rate and sum (to simplify the data). This will become our variable #B Metric Net\_OutBytes rate sum
- 3. We need to subtract row #A from #B

#B - #A