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Troubleshoot queries

This page provides information to solve common dashboard problems.

I get different results when I rearrange my functions

Function order is very important. Just like in math, the order that you place your functions can affect the result.

Inspect your query request and response

The most common problems are related to the query and response from your data source. Even if it looks like a bug or visualization issue in Grafana, it is almost always a problem with the data source query or the data source response. Start by inspecting your panel query and response.

For more information, refer to [\[Inspect request and response data\]](#) ([{{< relref "../panels/query-a-data-source/inspect-request-and-response-data.md" >}}](#)).

My query is slow

How many data points is your query returning? A query that returns lots of data points will be slow. Try this:

- In **Query options**, limit the **Max data points** returned.
- In **Query options**, increase the **Min interval** time.
- In your query, use a `group by` function.