

Creating a new dashboard and configuring visualizations and filters

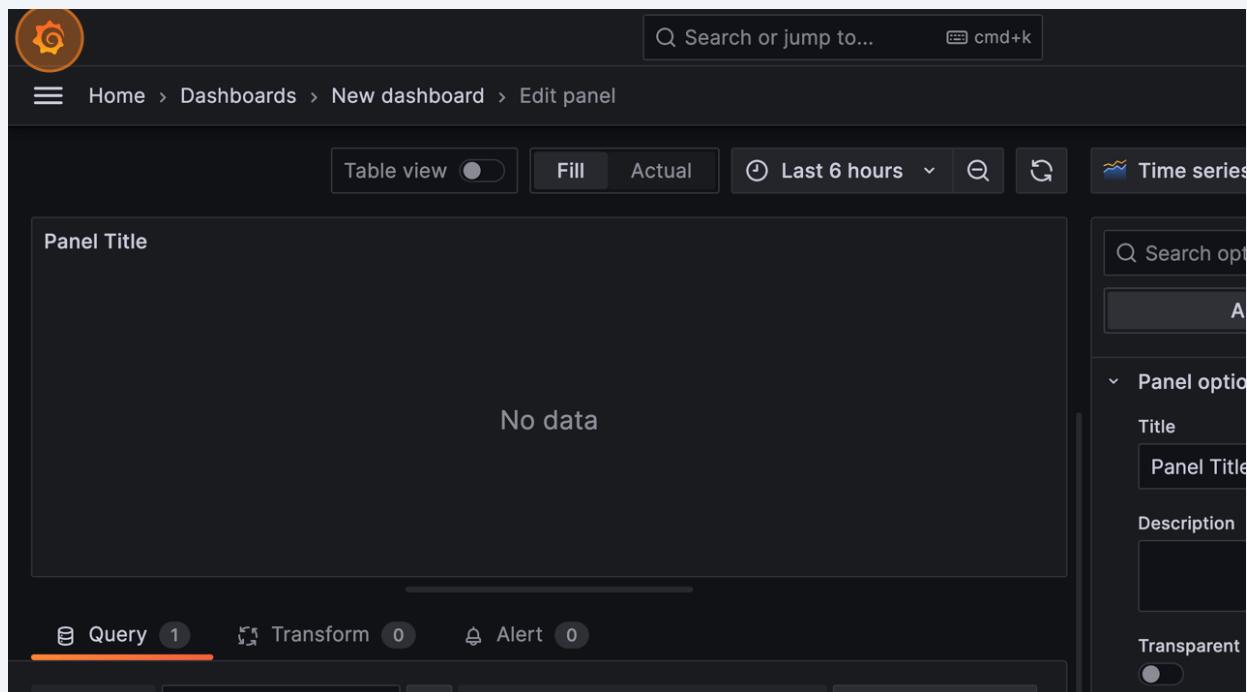
1

Navigate to

<https://nthiebaut.grafana.net/dashboard/new?orgId=1&editPanel=1>

2

Click this image.



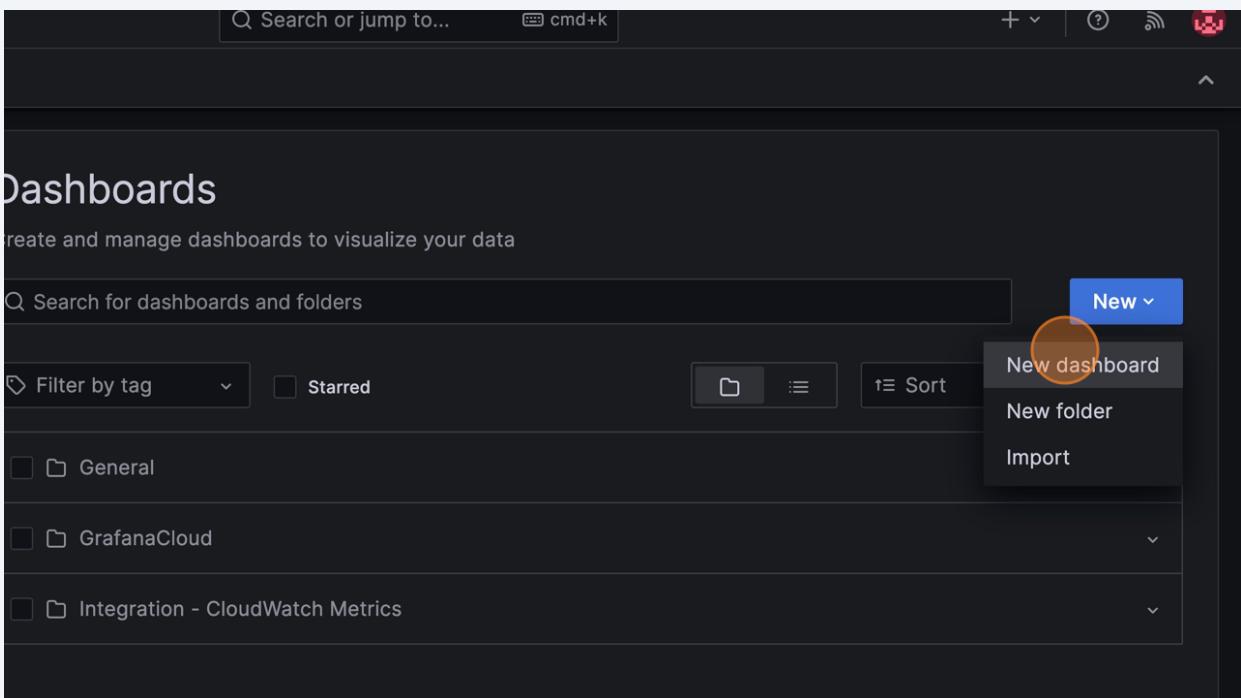
3 Click "All dashboards →"

The screenshot shows the Grafana home page with a dark theme. At the top, there are several summary metrics: 0 Active users, 5 Metrics, 0 bytes, 0 bytes, 0 bytes, 0 VUh, 0 k6 tests, and 0 IRM active users. Below these are three navigation tabs: Logs, Traces, and Profiles. To the left, there's a sidebar with a 'Logs' section and a 'All alerts →' button. The main area features a 'Dashboards' section with a prominent blue button labeled 'All dashboards →' which is circled in orange. Other items in this section include 'Starred dashboards', 'Recently viewed dashboards', 'AWS ECS' (Integration - CloudWatch Metrics), and 'AWS CloudFront' (Integration - CloudWatch Metrics). To the right, there's a 'Learn more' section with links to 'Documentati...', 'Support tick...', 'Communi...', 'Tutorials' (with a sub-description 'In-depth guides with step-by-step instructions'), and a 'Connecting Data' section.

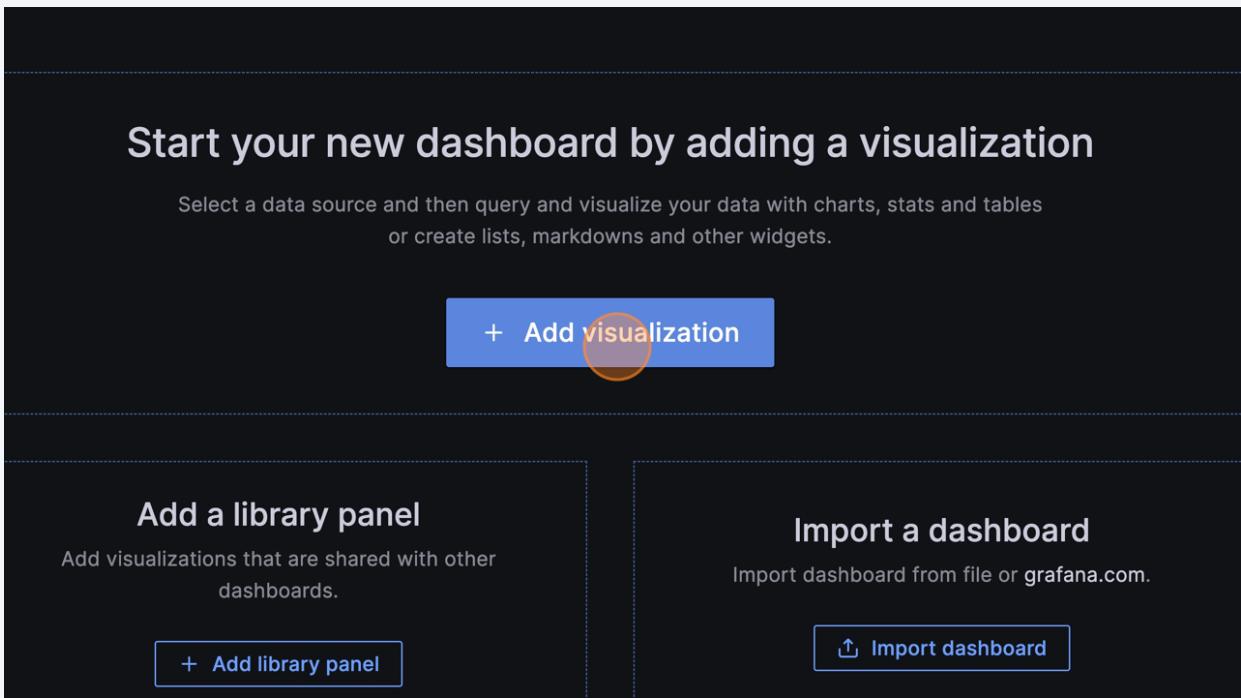
4 Click "New"

The screenshot shows the 'Dashboards' page in Grafana. At the top, there's a search bar with 'Search or jump to...' and a 'cmd+k' hotkey. To the right are icons for creating a new dashboard ('+'), help ('?'), refresh ('refresh'), and settings ('gear'). Below the header, the title 'Dashboards' is displayed, followed by the sub-instruction 'Create and manage dashboards to visualize your data'. A search bar for 'Search for dashboards and folders' is present. On the right side of the search bar is a blue 'New' button with a dropdown arrow, which is also circled in orange. Below the search bar are filters: 'Filter by tag' (with a dropdown arrow), 'Starred' (with a checkbox), 'Sort' (with a dropdown arrow), and icons for folder and list view. The main content area lists dashboard categories: 'General' (with a checkbox), 'GrafanaCloud' (with a checkbox), and 'Integration - CloudWatch Metrics' (with a checkbox).

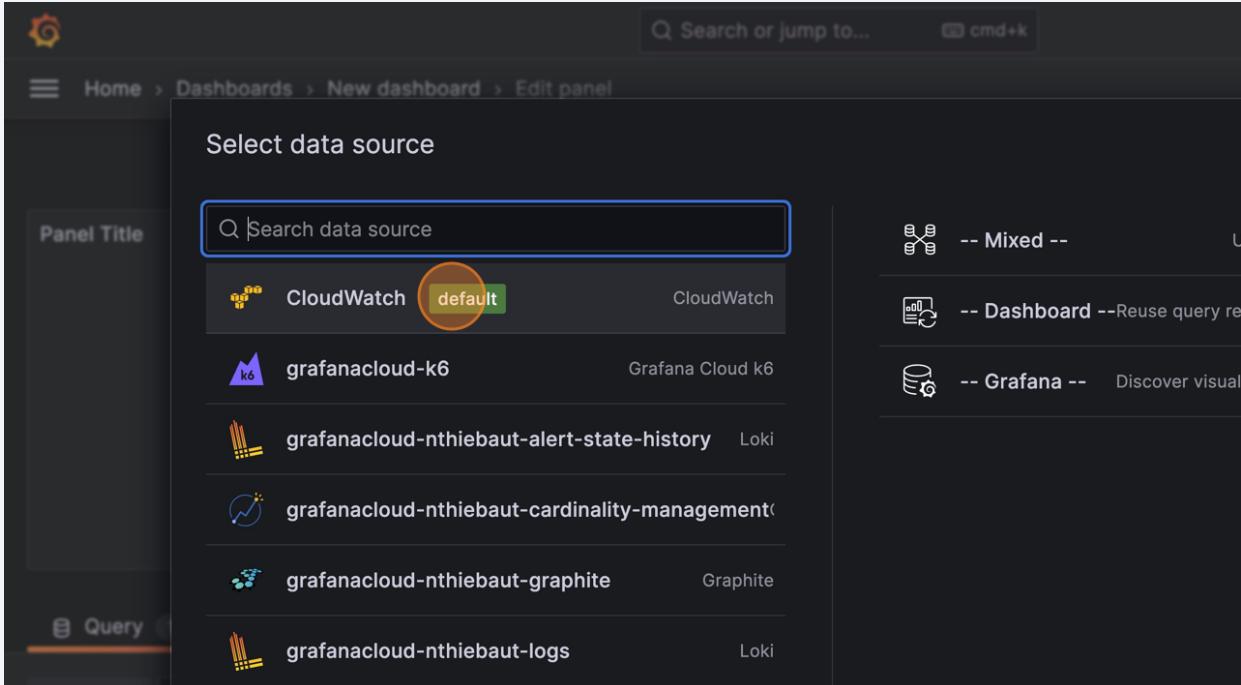
- 5 Click "New dashboard"



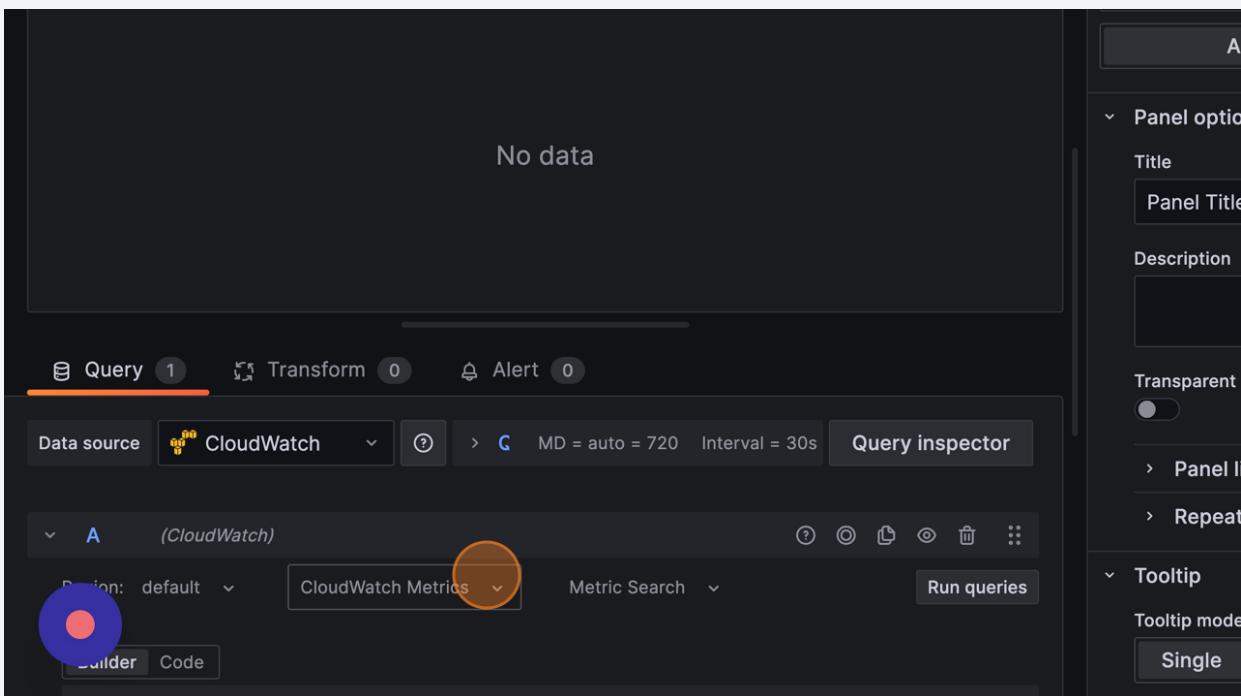
- 6 Click "Add visualization"



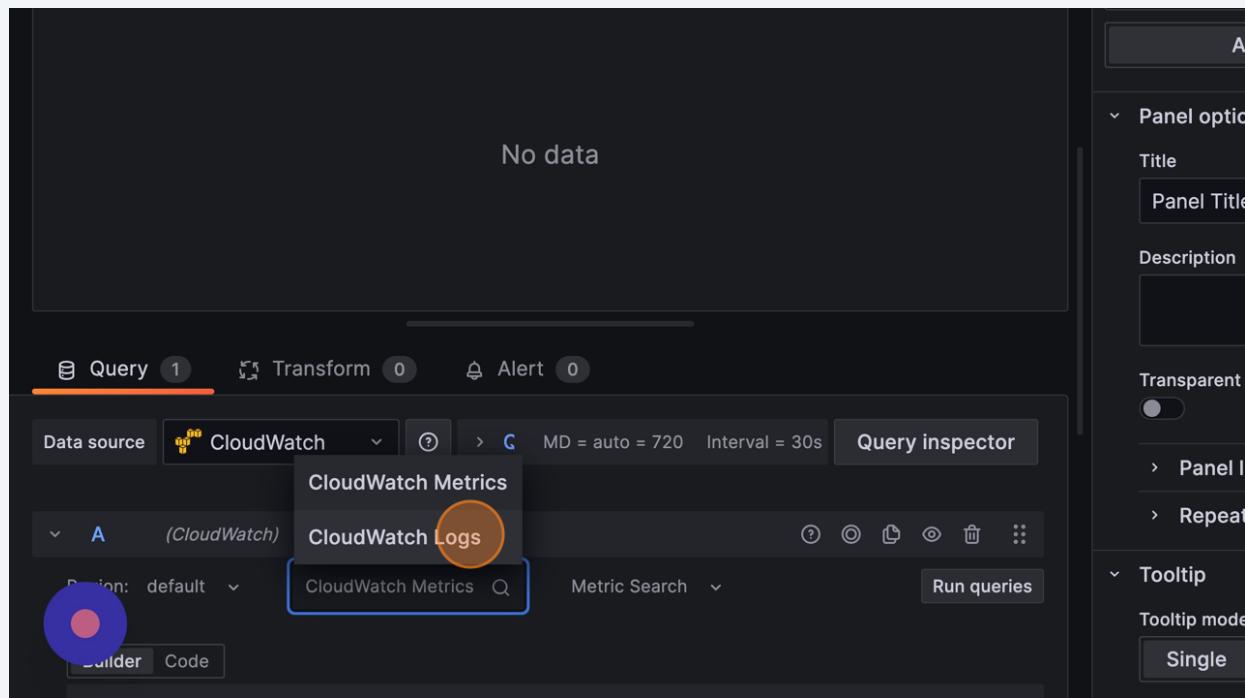
7 Click "CloudWatch default CloudWatch"



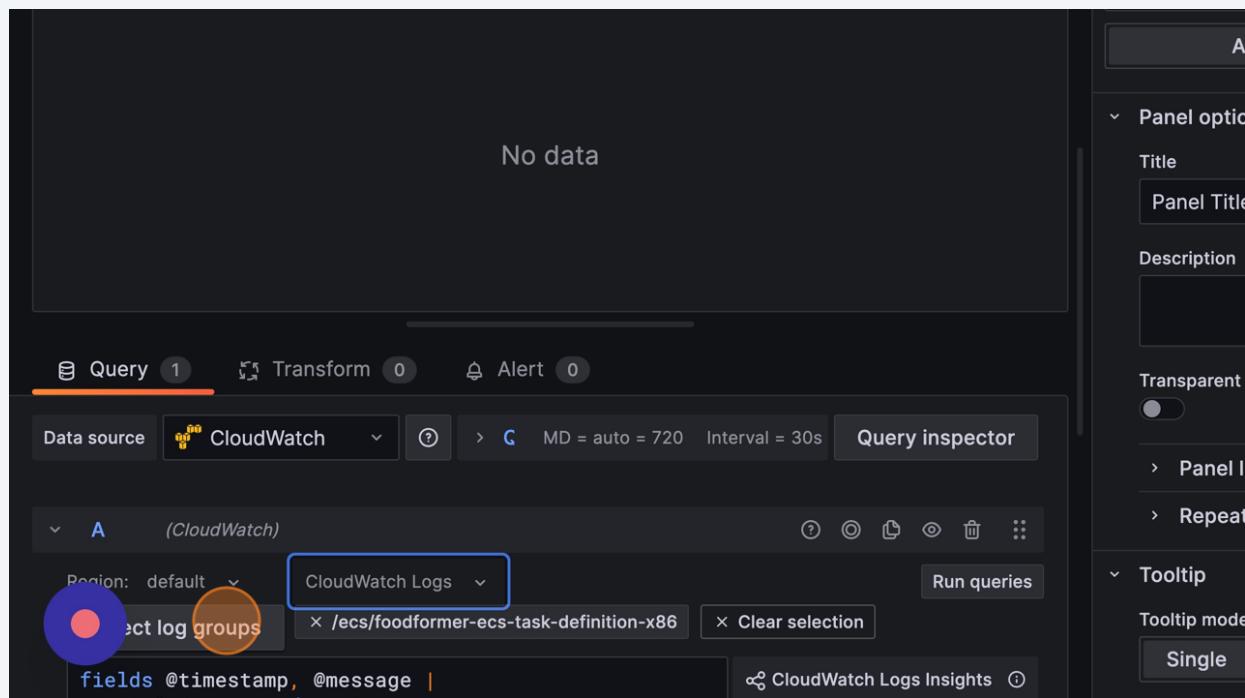
8 Click this icon.



9 Click "CloudWatch Logs"



10 Click "Select log groups"



11 Click on your task definition.

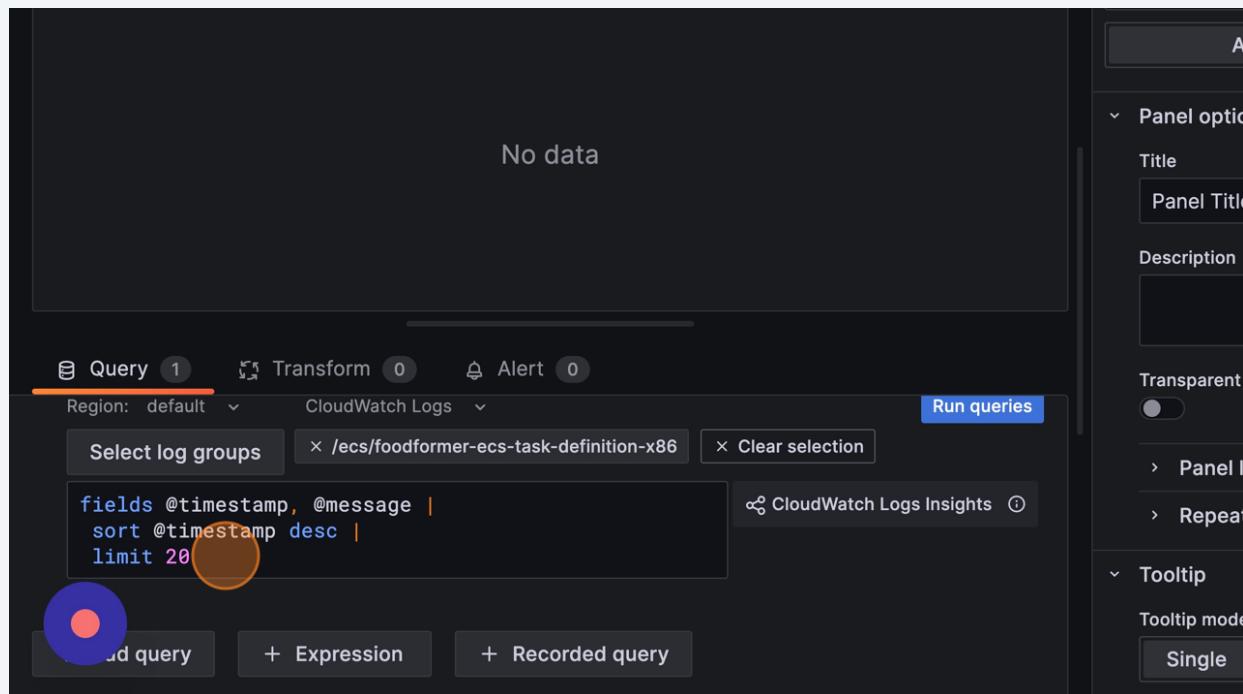
A screenshot of the CloudWatch Logs Insights interface. On the left, there's a sidebar with 'Data source' and 'Region' dropdowns, and a circular profile picture. The main area shows a list of log groups with checkboxes and numerical counts. One specific log group, '/ecs/foodformer-ecs-task-definition-x86', has a checked checkbox and is circled in orange. Below the list, it says '1 log group selected'. At the bottom, there are buttons for 'Select log groups' (with a count of 1), 'Clear selection', 'CloudWatch Logs Insights', and 'Tooltip mode' (set to 'Single').

Log Group Prefix	Count
/aws/sagemaker/TrainingJobs	4342
/aws/sagemaker/studio	4342
/ecs/app	4342
/ecs/app-arm64	4342
/ecs/foodformer-ecs-task-definition	4342
/ecs/foodformer-ecs-task-definition-x86	4342
/ecs/foodformer-tast-definition-arm64	4342

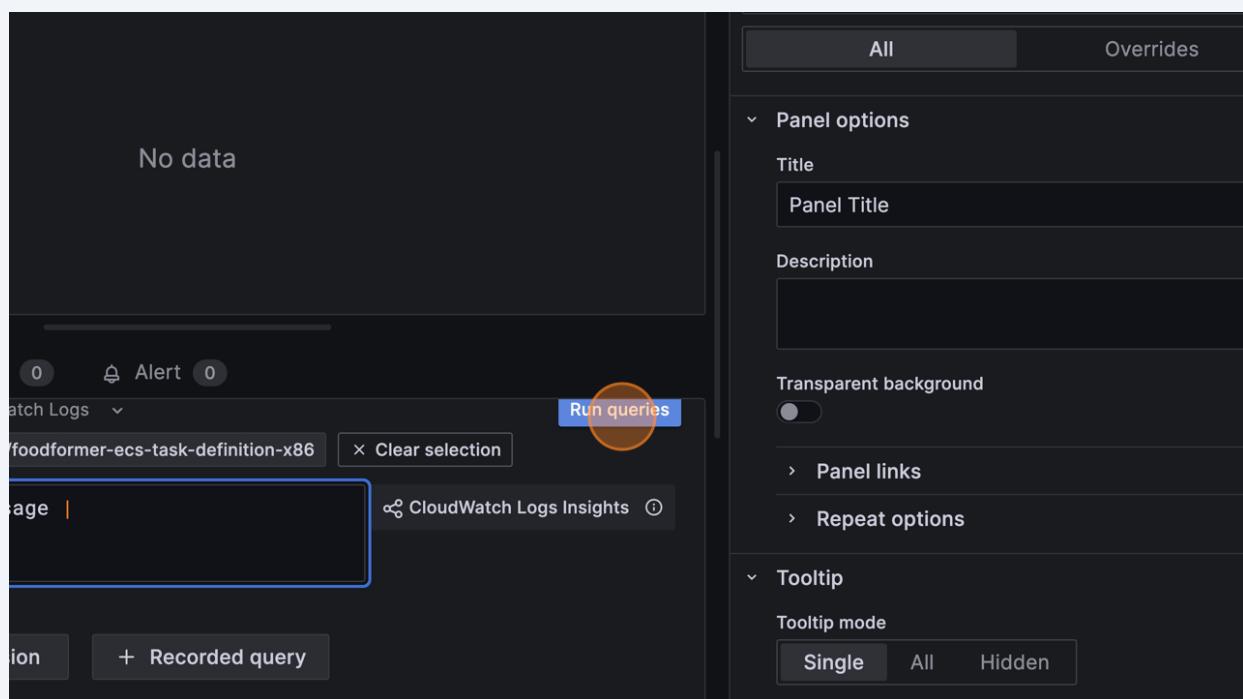
12 Click "Add log groups"

A screenshot of a modal window titled 'Add log groups'. It contains a list of log groups with checkboxes. Several checkboxes are checked, and one specific one is circled in orange. At the bottom right of the modal is a large blue button labeled 'Add log groups' with a white outline, also circled in orange. The modal has a close button at the top right and 'Cancel' and 'Add log groups' buttons at the bottom. Below the modal, the main CloudWatch Logs Insights interface is visible with its search bar, selection buttons, and tooltip mode switch.

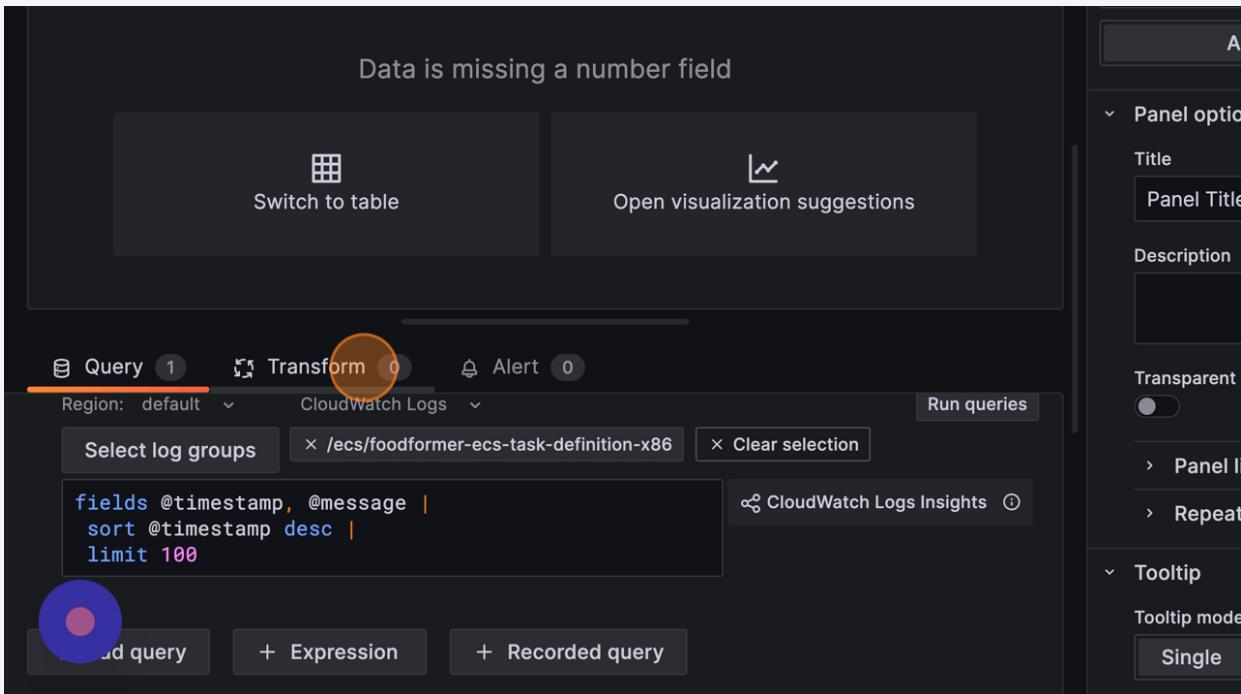
13 (optional) Change the number of logs retrieved



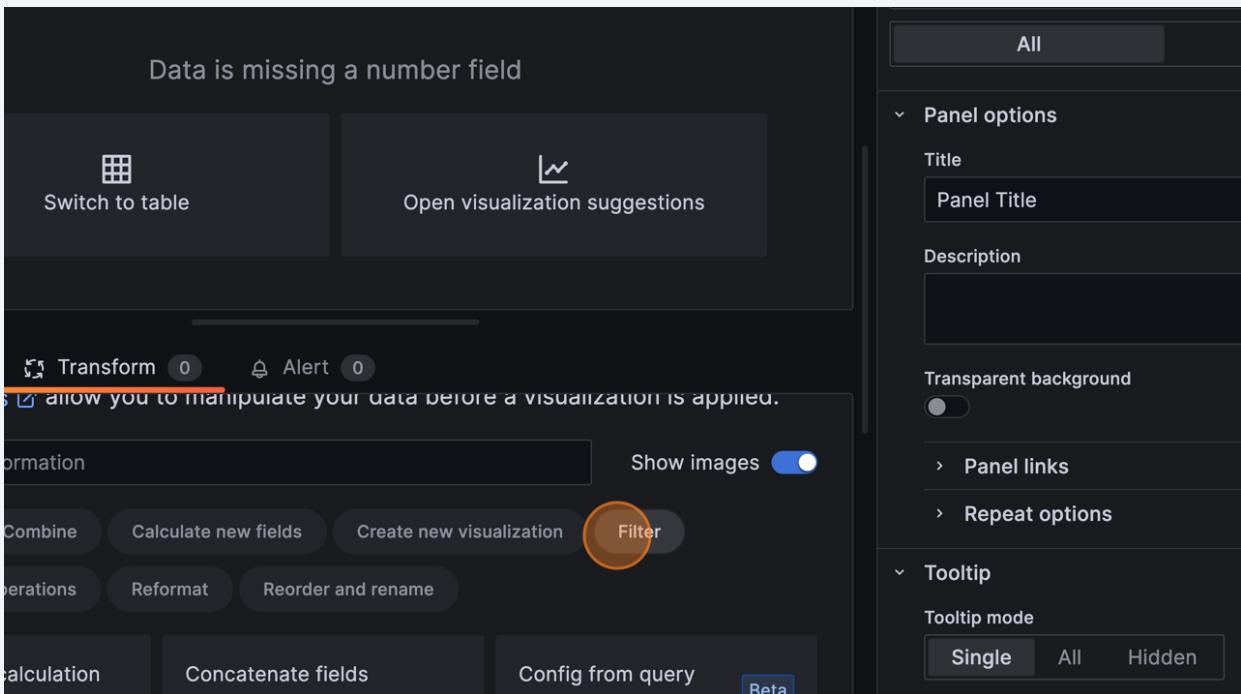
14 Click "Run queries"



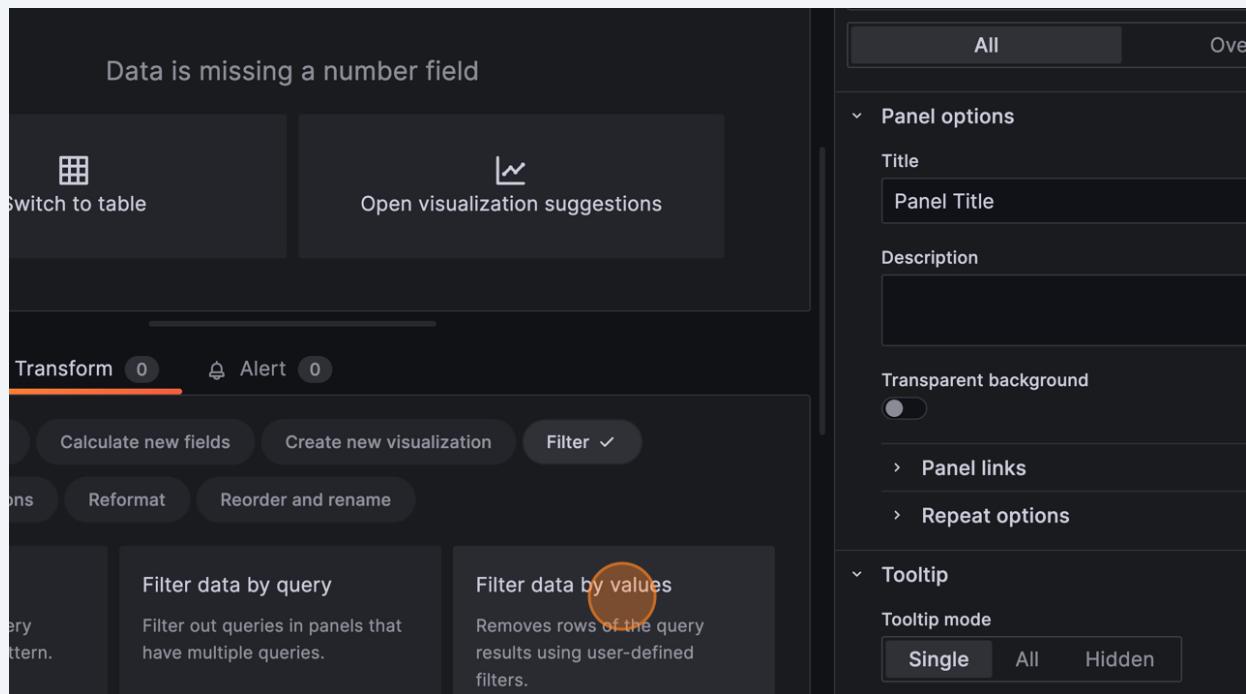
15 Click "Transform"



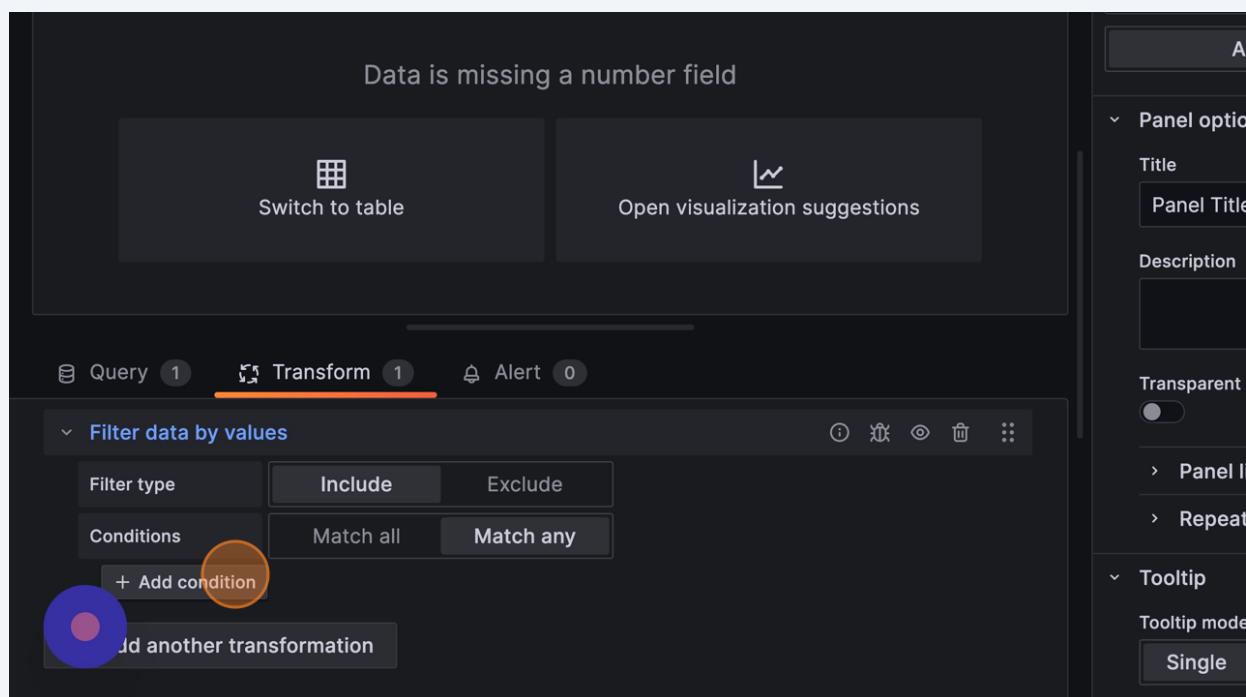
16 Click "Filter"



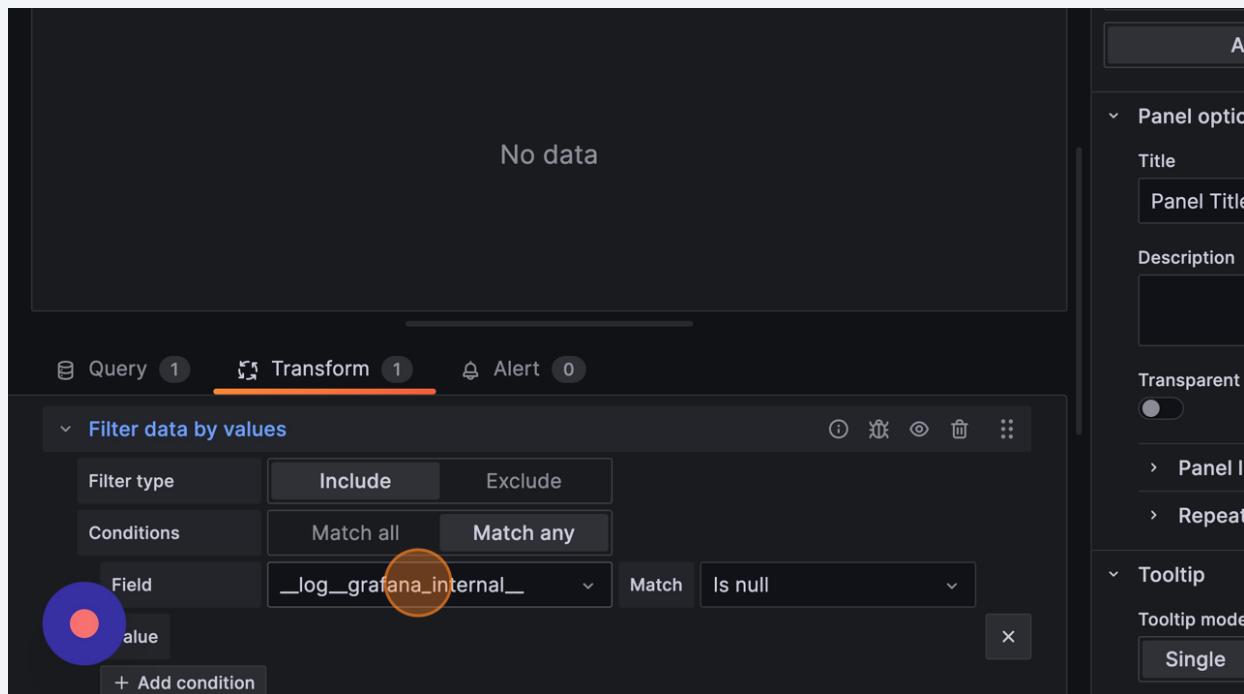
17 Click "Filter data by values"



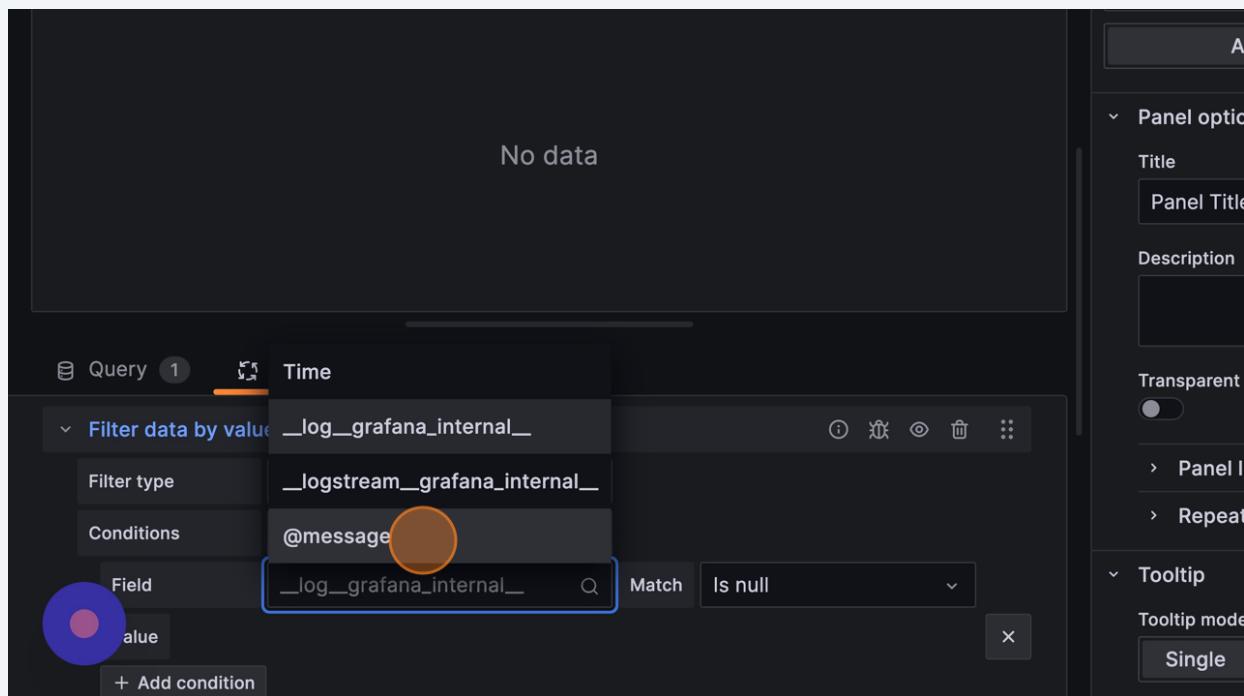
18 Click "Add condition"



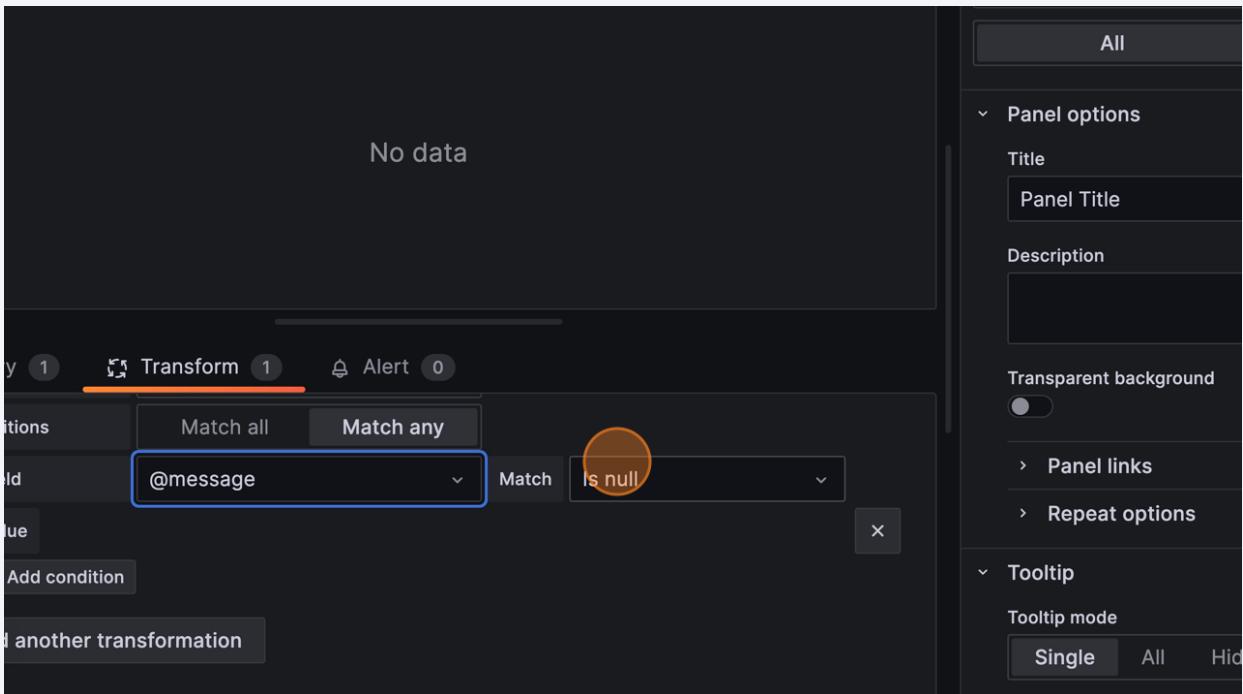
19 Click here.



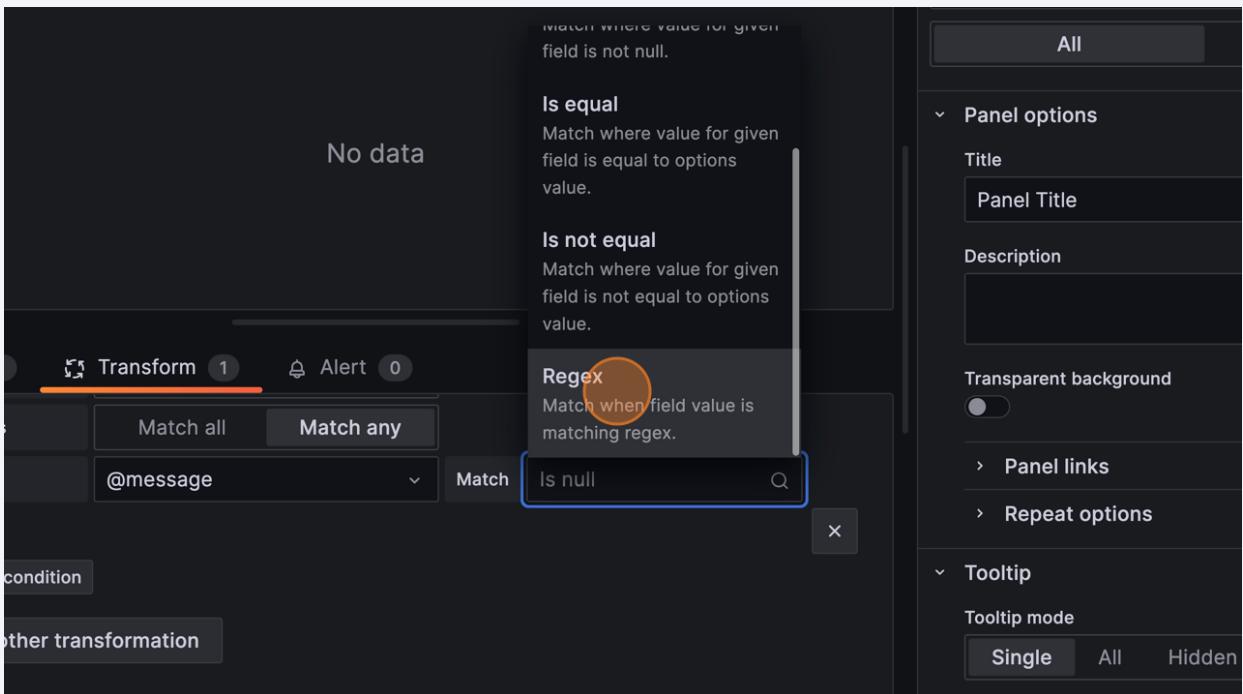
20 Click "@message"



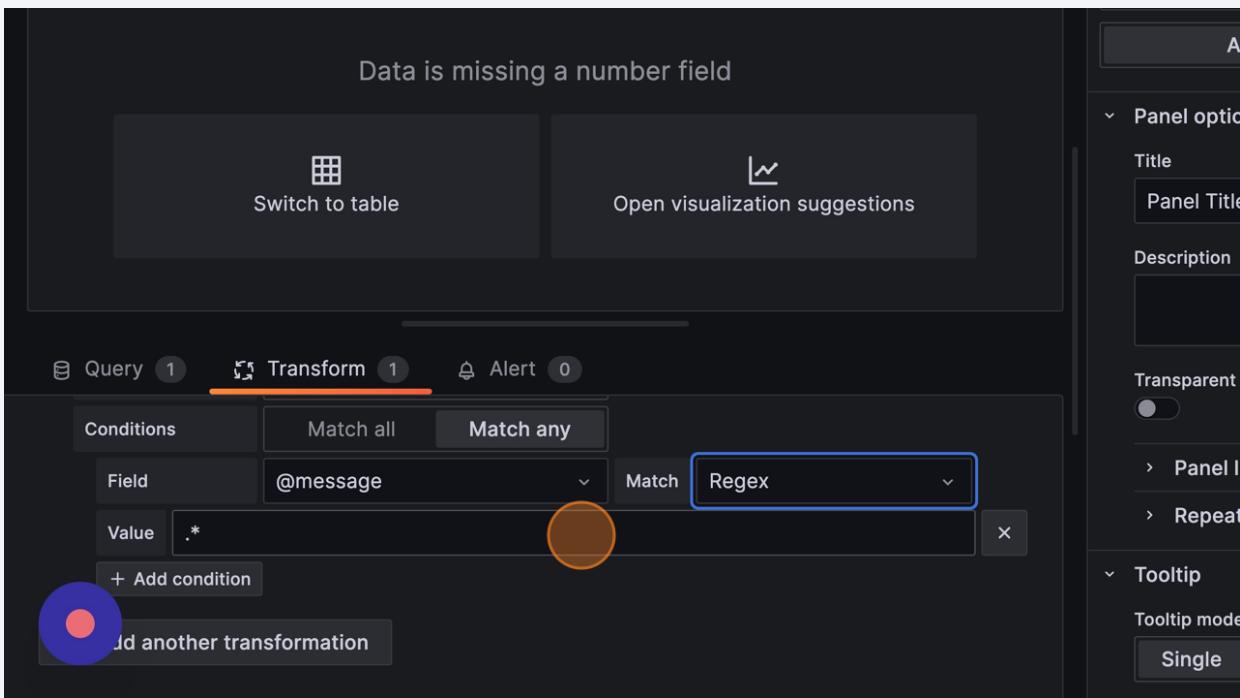
21 Click here.



22 Click "Match when field value is matching regex."

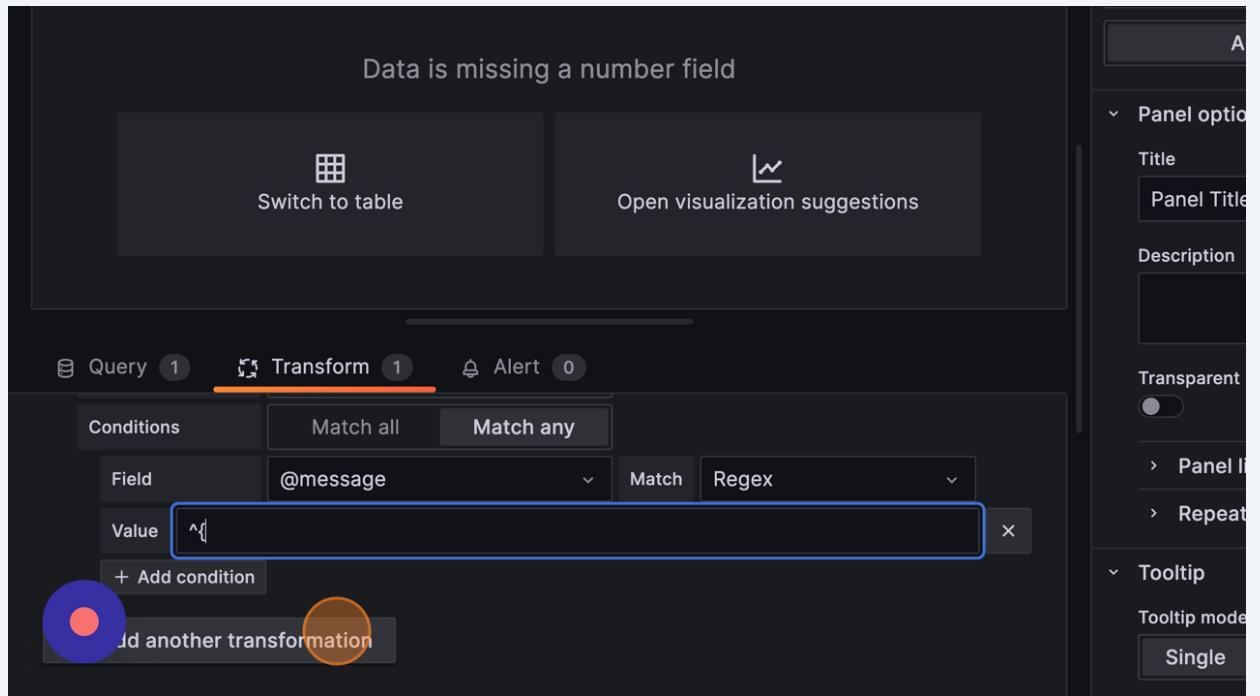


23 Click the "Value" field.

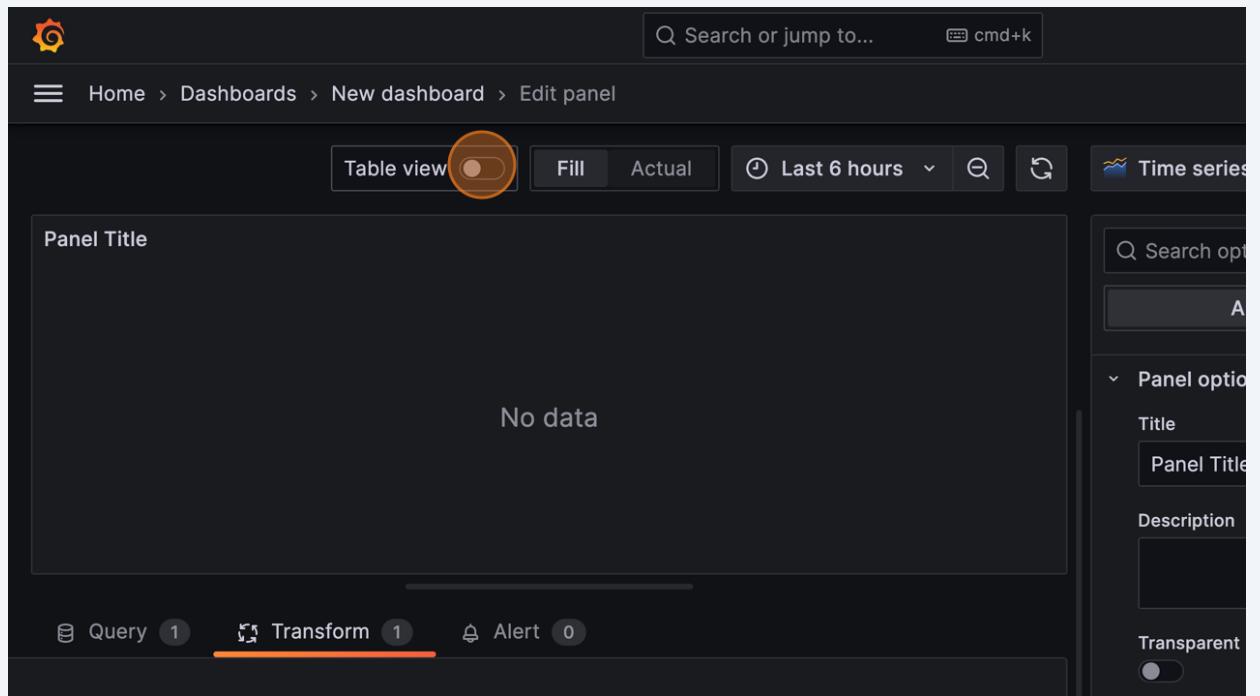


24 Type "^{"

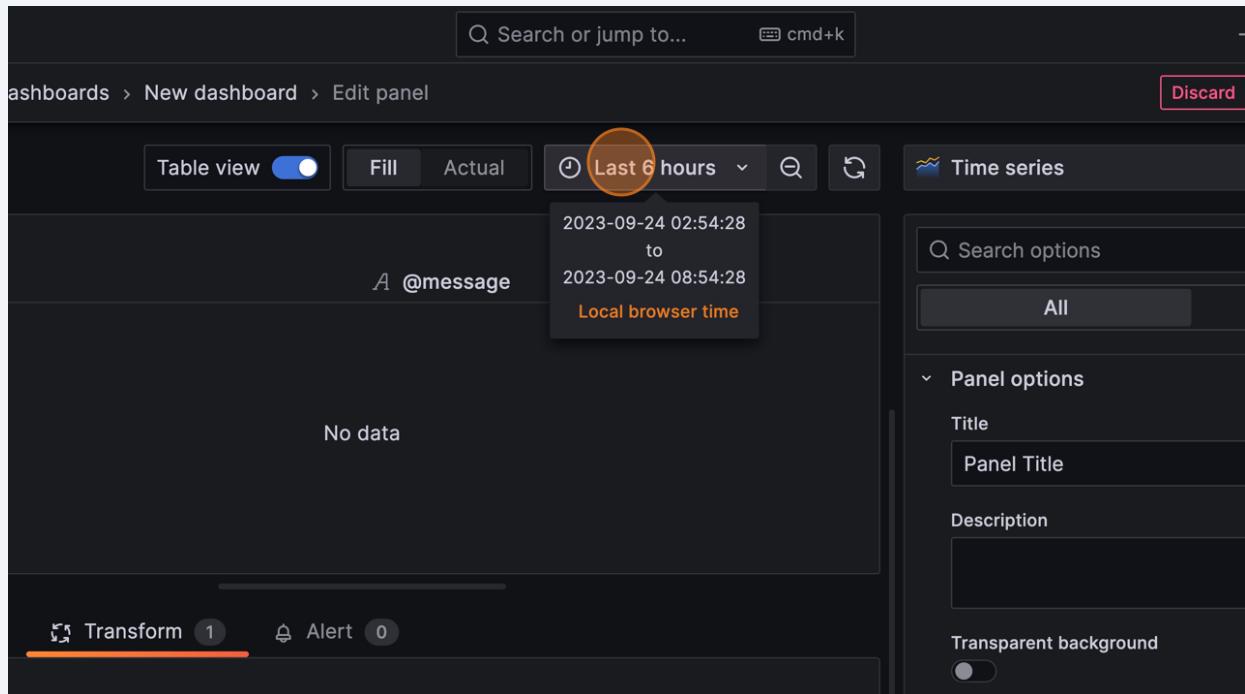
25 Click "Add another transformation"



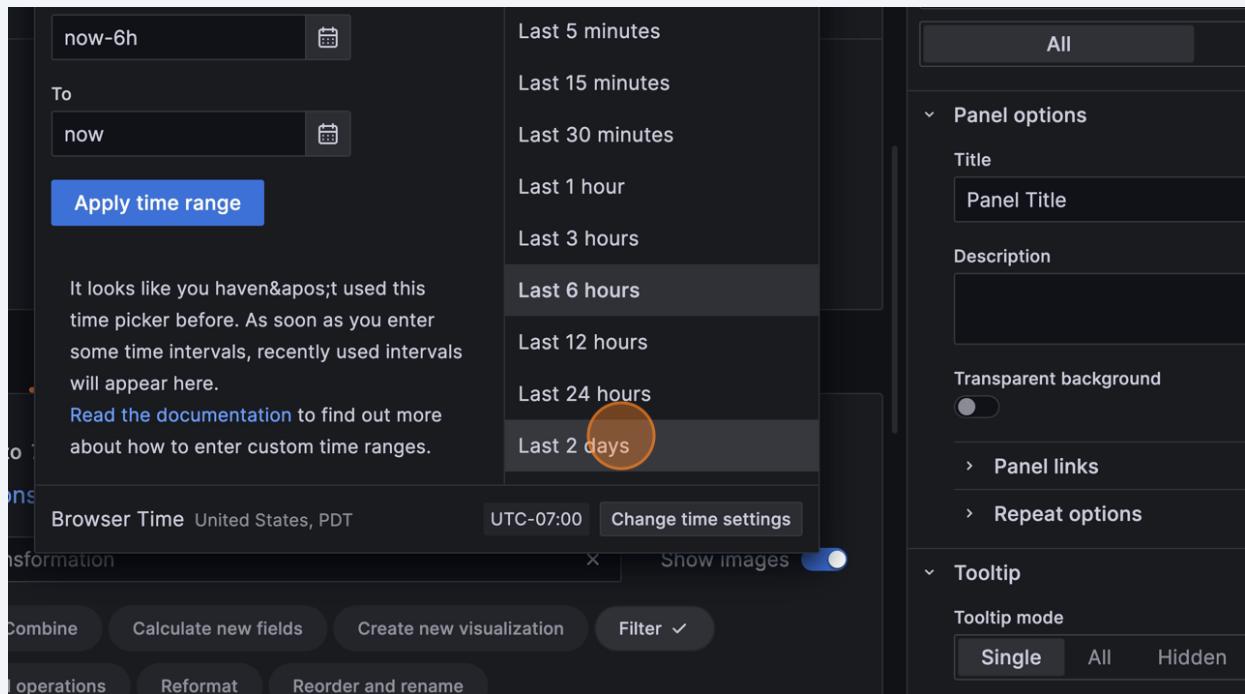
26 Click "Table view"



27 Click "Last 6 hours"



28 Click "Last 2 days"



29 Click "Reformat"

The screenshot shows a Grafana dashboard with a table visualization titled 'Time @message'. The table contains five rows of timestamped JSON objects. Below the table is a navigation bar with three tabs: 'Query' (1), 'Transform' (1), and 'Alert' (0). The 'Transform' tab is currently active, indicated by an orange underline. In the center of the screen is a toolbar with several buttons: 'View all', 'Combine', 'Calculate new fields', 'Create new visualization', 'Filter' (with a dropdown arrow), 'Perform spatial operations', 'Reformat' (which has a red circle around it), and 'Reorder and rename'. At the bottom of the toolbar are three filter options: 'Filter by name', 'Filter data by query', and 'Filter data by values'. To the right of the main content area is a sidebar with various panel options like 'Title', 'Description', 'Transparent', 'Panel ID', 'Repeat', 'Tooltip mode', and 'Single'.

30 Click "Extract fields"

This screenshot is similar to the previous one, showing the same table visualization and navigation bar. However, the 'Reformat' tab is now active, indicated by an orange underline. The central toolbar has been updated to show three main categories: 'Convert field type', 'Extract fields' (which has a red circle around it), and 'Group by'. Each category has a brief description and a small diagram below it. The 'Extract fields' section describes parsing fields from content (JSON, labels, etc.) and shows a diagram where 'value {a:1, b:2} {a:3}' is transformed into 'a b 1 2 3 4'. The 'Convert field type' section shows a diagram where 'Z' is converted to '1 2' with a numeric type. The 'Group by' section shows a diagram where '1 2 2' is grouped into '1 2'. The right sidebar remains the same as in the previous screenshot.

31 Click here.

The screenshot shows a Grafana dashboard with a table panel on the left and a transform panel on the right. The table panel displays log entries with columns for Time and @message. The transform panel is titled 'Extract fields' and has tabs for Query (1), Transform (2, highlighted), and Alert (0). It includes fields for Source (set to 'Select field'), Format (set to 'Auto'), and a 'Replace all fields' toggle. A button at the bottom says 'Add another transformation'. The right side of the screen shows a sidebar with 'Panel options' and 'Tooltip' settings.

32 Click "@message"

The screenshot shows the same Grafana interface as above, but the 'Select field' dropdown in the transform panel is open, displaying several options. The option '@ @message' is highlighted with an orange circle. Other visible options include '_log_grafana_internal_', '_logstream_grafana_internal_', and '@timestamp (base field name)'. The rest of the interface remains the same, with the table panel showing log entries and the sidebar with panel and tooltip settings.

33 Click "Filter"

A screenshot of a data visualization interface. At the top, there is a table with columns: *@message*, *message*, *top_class*, and *sc*. The data rows show various predictions for different items like guacamole, ice cream, macaroni, etc. Below the table is a toolbar with several buttons: Transform (highlighted with an orange circle), Alert, Filter (highlighted with an orange circle), Combine, Calculate new fields, Create new visualization, Reformat, and Reorder and rename. To the right of the toolbar is a panel titled "Panel options" containing fields for Title (Panel Title), Description, and Transparent background (disabled). Below this is a "Tooltip" section with "Tooltip mode" set to Single.

34 Click "Add another transformation"

A screenshot of a data visualization interface. At the top, there is a table with columns: Time, *@message*, *message*, *top_class*, and *sc*. The data rows show predictions for various items. Below the table is a toolbar with buttons: Query (1), Transform (highlighted with an orange circle), Alert (0), and a dropdown menu "Extract fields". The "Extract fields" menu is open, showing "Source" set to *@message* and "Format" set to Auto. At the bottom of the toolbar is a button labeled "Add another transformation" (highlighted with an orange circle). To the right of the toolbar is a panel titled "Panel options" containing fields for Title (Panel Title), Description, and Transparent background (disabled). Below this is a "Tooltip" section with "Tooltip mode" set to Single.

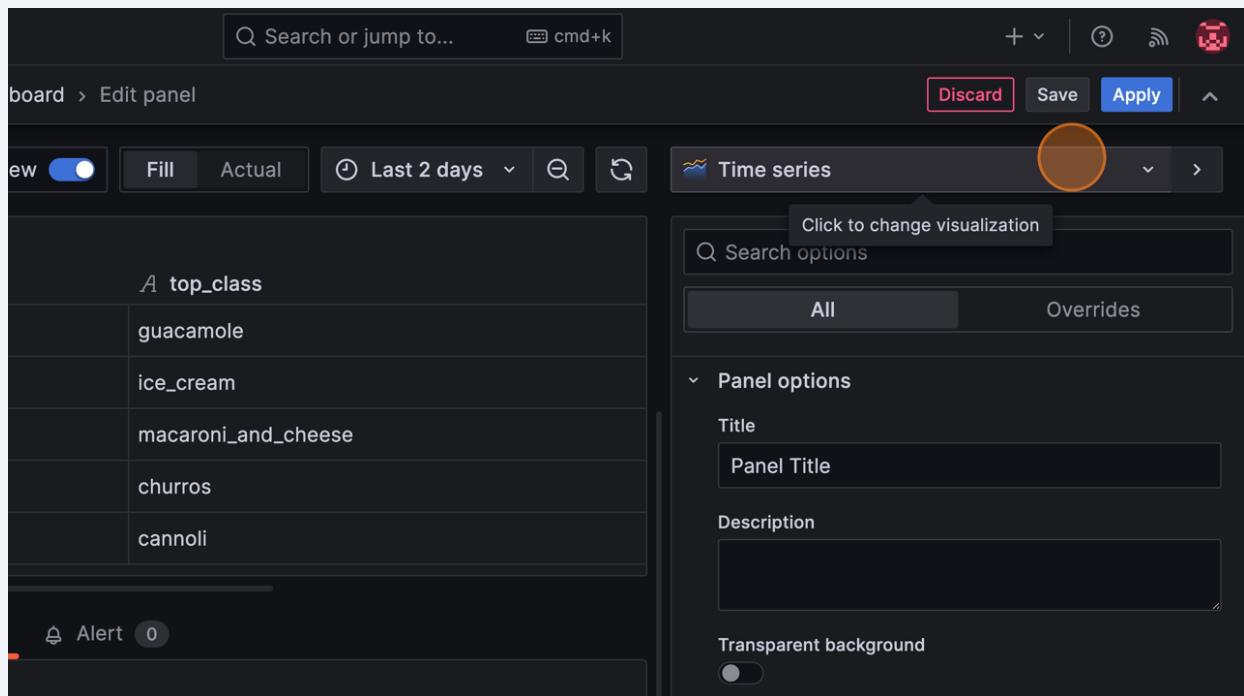
35 Click "Filter by name"

The screenshot shows a Grafana dashboard with a table visualization. The table has columns: Time, @message, message, top_class, and score. The data rows correspond to the entries in the previous screenshot. Below the table is the Transform panel, which includes a search bar for transformations and several buttons: View all, Combine, Calculate new fields, Create new visualization, Filter (which is currently selected), Perform spatial operations, Reformat, and Reorder and rename. A tooltip for the 'Filter by name' button is displayed, stating: 'Removes part of the query results using a regex pattern.' To the right of the main interface is a sidebar with various panel options and a tooltip section.

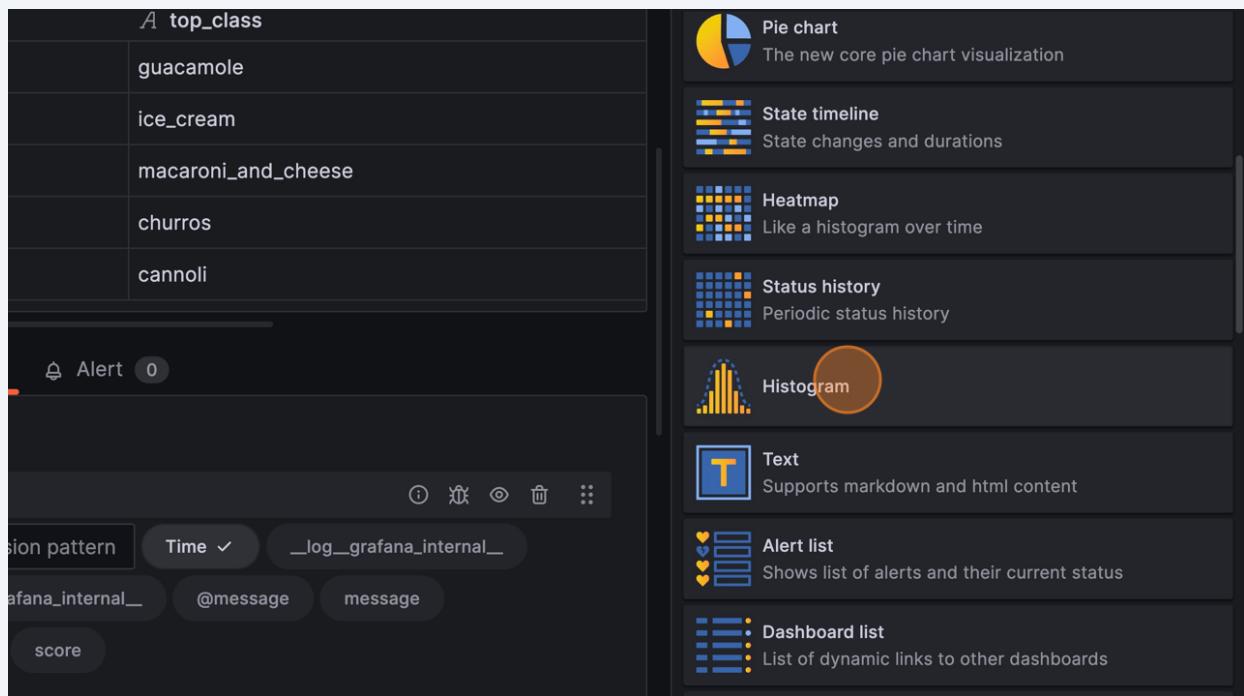
36 Click "log_grafana_internal" and everything else but "Time" and "score"

The screenshot shows the same Grafana dashboard and table visualization as the previous one. However, the Transform panel now displays a 'Filter by name' configuration. The 'Identifier' dropdown is set to 'Regular expression pattern'. The 'Time' dropdown is set to 'Time'. The 'Filter' dropdown is set to '_log_grafana_internal_'. Other options like '_logstream_grafana.internal_', '@message', 'message', 'top_class', and 'score' are also listed but not selected. The sidebar on the right remains the same as in the previous screenshot.

37 Click "Time series"



38 Click here.



39 Click this field.

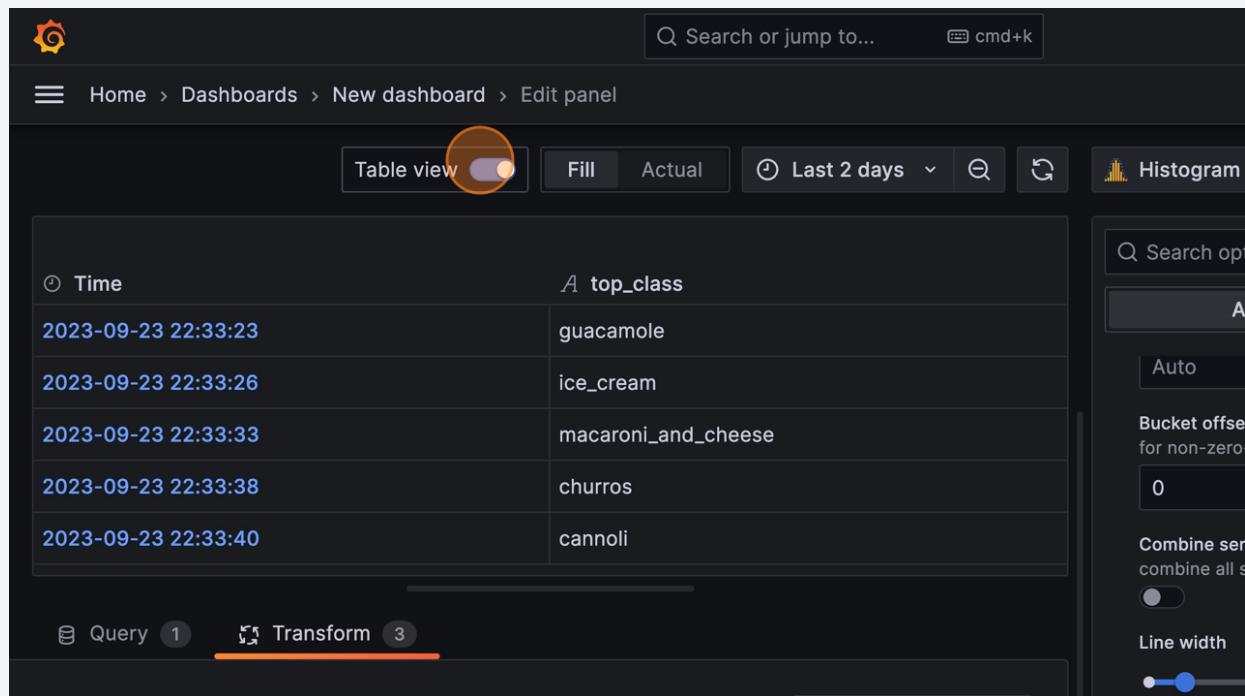
The screenshot shows a user interface for data visualization. On the left, there is a list titled 'A top_class' containing the following items:

- guacamole
- ice_cream
- macaroni_and_cheese
- churros
- cannoli

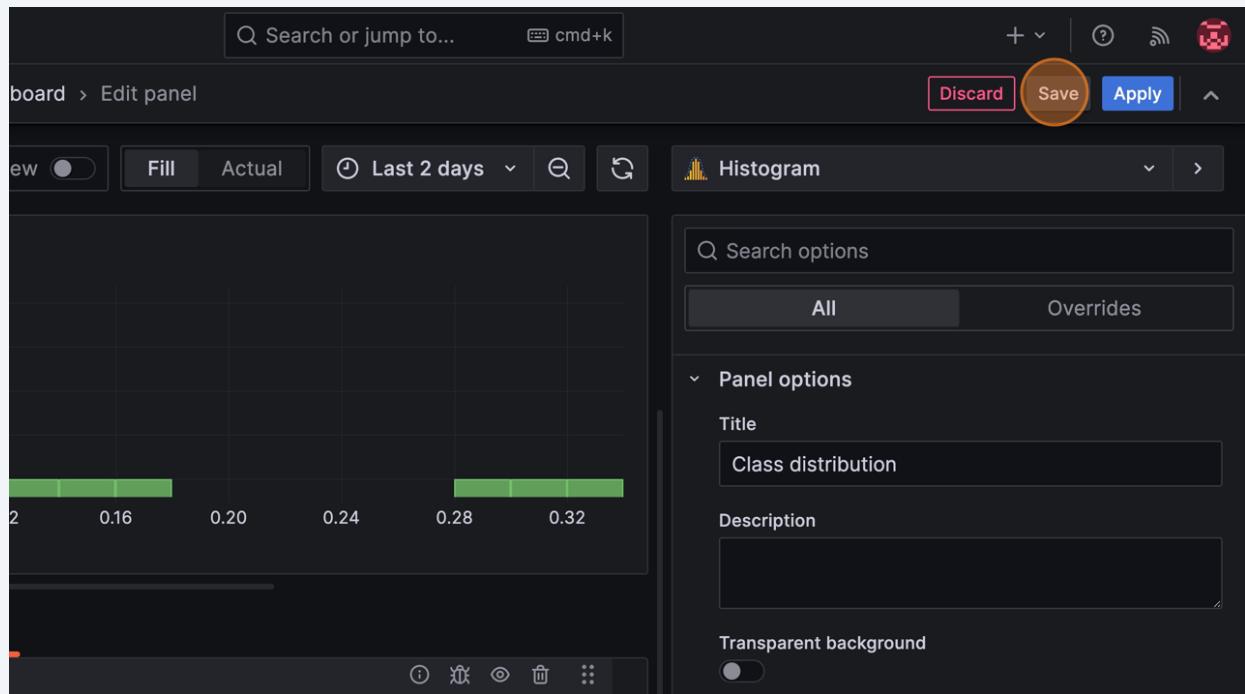
Below this list is a button labeled 'Delete all transformations'. At the bottom of the interface are several small icons: a person, a bar chart, a magnifying glass, a trash can, and three dots. In the top right corner, there is a search bar with the placeholder 'Search options' and two buttons: 'All' and 'Overrides'. Below the search bar is a section titled 'Panel options' which includes fields for 'Title' (containing 'Panel Title') and 'Description', both of which are highlighted with a yellow circle. There is also a toggle switch for 'Transparent background' and sections for 'Panel links' and 'Repeat options'.

40 Type "Score distribution"

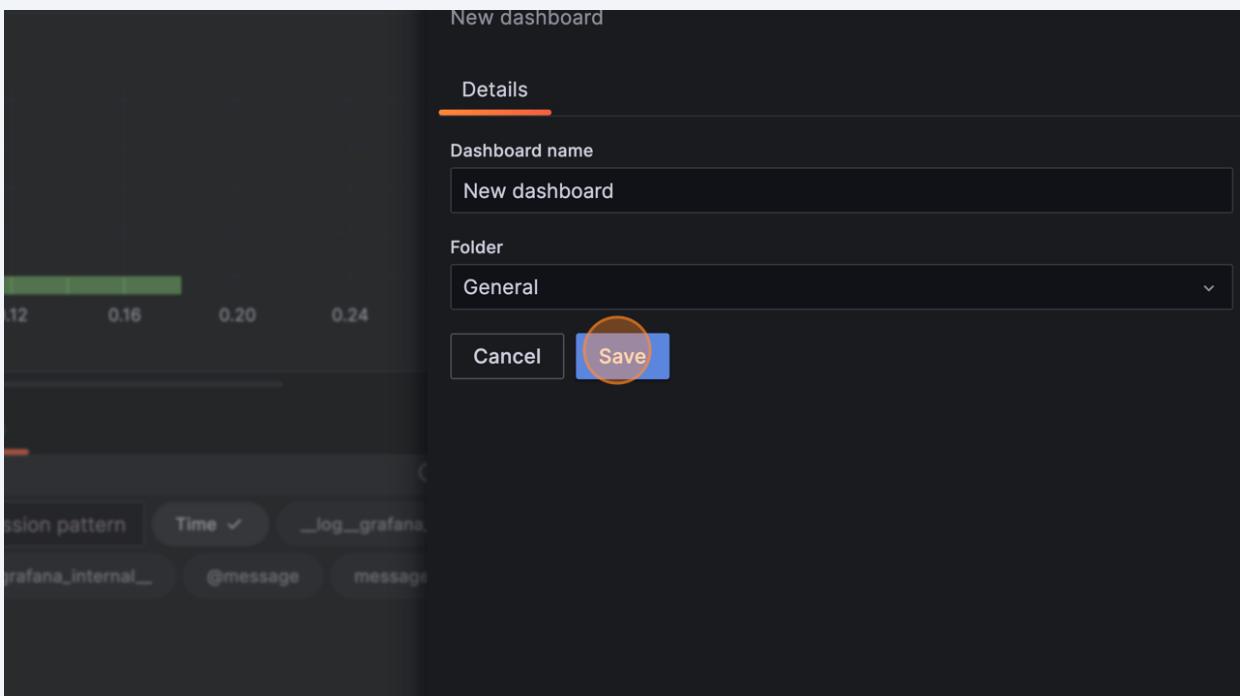
41 Click "Table view"



42 You should now see a score distribution like this one. Click "Save".



43 Click "Save"



44 Your dashboard should look like something like this.

