

View Cache Settings

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Overview

View caching lets you store the data a view returns into a nominated writable database (including the in-memory database, if you're using it). Caching can help reduce latency, but make sure you're fully away of the general implications of caching before you decide to switch it on.




This functionality is only available when have established a writable source connection.

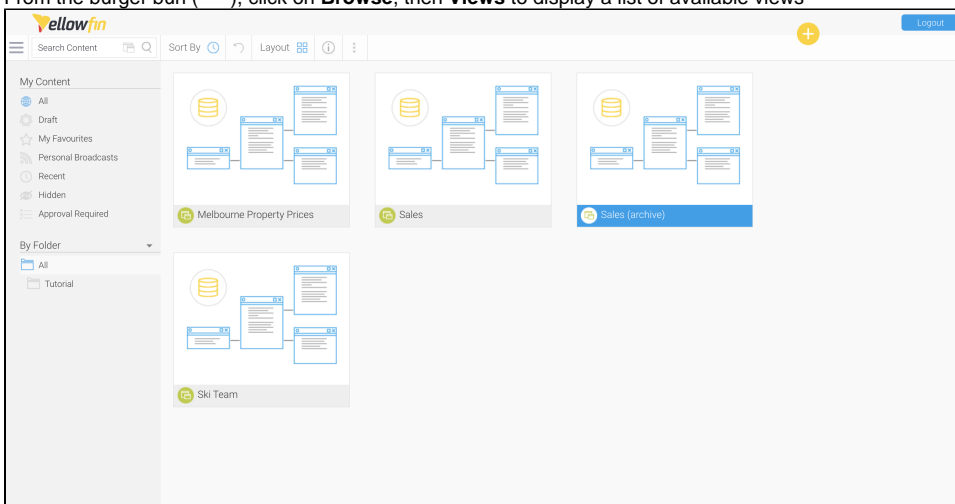
Setting view caching

View caching is set via the **Summary** dialog box for a view. The dialog box is accessible without having to edit your view, so if it's in draft mode, it stays a draft, and if it's already published, it stays published.

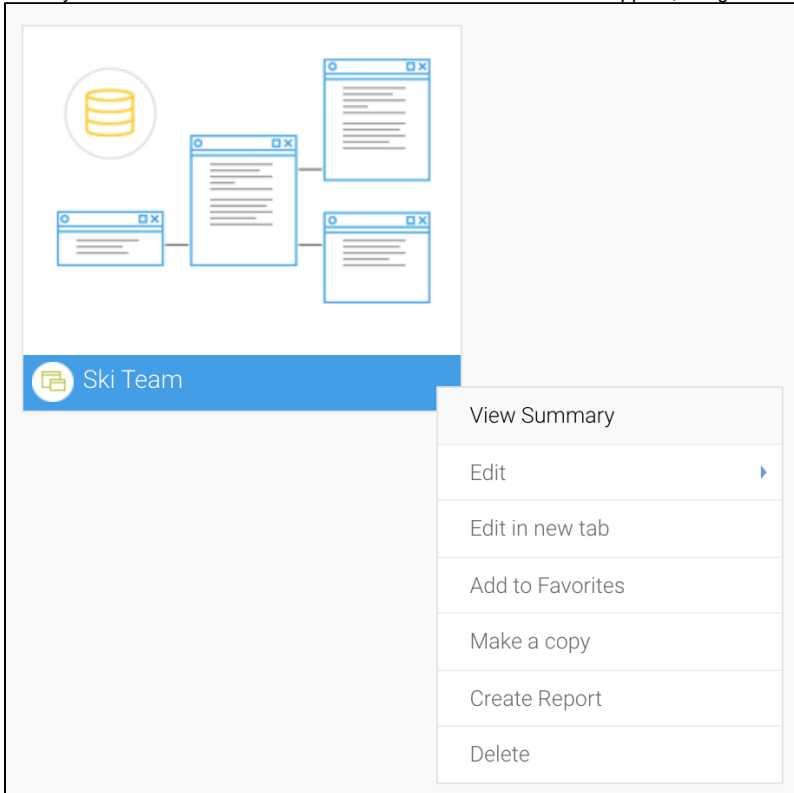
Options include using an incremental load key if you choose to enable incremental loading (which includes selecting a load key, which is typically a unique identifier field or any other incrementing field that can help Yellowfin differentiate between existing data and new date), and either manual or scheduled date refreshes. This should be set according to the each view's characteristics.

To access the caching settings for your view, make sure you're logged in to Yellowfin with enough access to see views in your Browse window.

1. From the burger bun () , click on **Browse**, then **Views** to display a list of available views



2. Hover your mouse over a view and click on the three small dots that appear, or right-click on a view to display a pop-up menu



3. Click on **View Summary** in the list of menu options to display the **View Summary** dialog box

4. Click on the **Cache** tab

Remember, if you don't see this tab, check that you have at least one writable data source

View Summary

General

Fields

SQL

Reports

Cache

Data Cache Details

Data Store

--- Select Data Store ---

Incremental Load

Refresh Data

Manual

Scheduled

Create Cached View

5. Click on the – **Select Data Store** – dropdown and select the name of the writable data source you wish to use

Data Cache Details

Data Store

✓ --- Select Data Store ---
Australian Property Prices
Customer Feedback

Incremental Load

6. If you wish to use incremental loading, click on the **Incremental Load** toggle to enable it; otherwise, jump to step 8
When enabled, a new field will appear for key selection

Data Cache Details

Data Store

Customer Feedback

Incremental Load

☒

Incremental Load Key

--- Select an Incremental Load K...

This field must be an incrementing column. It will be used to determine which records are new since the previous refresh.

Refresh Data

Manual☒

Scheduled☐

7. Click on the dropdown for **Incremental Load Key** and select the field you wish to use to determine which records are new since the last refresh

View Summary

GeneralFieldsSQLReportsCache

Data Cache Details

Data Store

Incremental Load

Incremental Load Key

--- Select an Incremental Load Key ---

Athlete Counter

Start Date

Camp Days

Campaign ID

Invoiced (Pref Currency)

Invoiced Amount

Age at Camp

Age at Camp

Quarter

Month

Profit Margin

Age at Camp

Date of Birth

Age at Camp

Quarter (Dim)

Year of Camp

Athlete ID

Athlete Latitude

Refresh Data

8. Click on the Scheduled radio button for **Refresh Data** to see what options exist

Data Cache Details

Data Store

Customer Feedback

Incremental Load

☒

Incremental Load Key

Athlete ID

This field must be an incrementing column. It will be used to determine which records are new since the previous refresh.

Refresh Data

Manual

☐

Scheduled

☒

Refresh Schedule

Weekly

Saturday

Advanced settings ↓

9. Click on the **Weekly** dropdown to see the options, which include time spans from minutes to years, as well as a one-off schedule
Note that when you select different options from the list, the related fields automatically update

Refresh Schedule

Quarterly

First

Day:

Advanced settings ↓

This will run in [January, April, July, and October](#).

10. Click on **Advanced settings** to display additional options

Refresh Schedule

Quarterly

First

Day:

Australia

Sydney (+11:00)

12 am

:00

Less ↑

This will run in [January, April, July, and October](#).

11. Use the settings you've discovered in these steps to create either an automatic schedule according to your needs, or a manual schedule
12. When you're ready to save your cache settings, click on the **Create Cached View** button
Depending on the number of records and the complexity of the view logic, this process may take several minutes, and when it's complete, a confirmation message will appear in the dialog box

View Summary

General

Fields

SQL

Reports

Cache

This view is cached.

Data Store

Customer Feedback

Incremental Load

No

Last Run

Incremental Load Key

Athlete ID

Schedule

Task will run in January, April, July, and October, on the 1st day of the month

Delete View Cache

Populate Data Now

Note that if you created a schedule, Yellowfin will wait for the scheduled date to populate the first set of data

13. If you wish to populate the data manually, click on the **Populate Data Now** button for an immediate update
Depending on your view's characteristics, this may take some time
14. Once complete, click on the cross in the top left corner to close the dialog box