

Date Filter Periods

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Overview

Date filter periods provide a simple way to specify date fields within Yellowfin — in views, reports, Guided NLQ and anywhere else where they are of use within Yellowfin.

Many date filter periods can dynamically update, which means phrases like 'This Week' will always be relative to the current time and date. For example, a report that shows the number of taxi bookings 'This Week' is likely to look much bulkier during the first week of January, thanks to New Years Eve, compared with running the same report on 'This Week' a few weeks later.

Points to remember

Here are some handy reminders about date filter periods.

- 'This Year' differs from 'This Year to Date', which differs from 'This Year to Now'.
 - This Year = The full calendar year, from January 1 to December 31.
 - This Year to Date = Data for this year only to today. Future data is ignored.
 - This Year to Now = Data for this year to this point of time of today (down to the millisecond, if a field supports that granularity). Future date is ignored.
 - These differences are important when your dataset contains future dates that you may wish to exclude or include.
- 'Business week' refers to the work week (business-days) as defined by your system's Java locale setting.
- The financial year dates are set through the Yellowfin Admin Console (under the Config settings for Region).

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Full list of date filter periods

In the following tables, the **Field format** column describes the following:

- **Single Date:** Available when using a filter operator that only requires one date value as input (eg, Equal To).
- **Date with Time Component:** Available when using a filter operator that requires two dates as input, and the filter field is a timestamp (eg, Between).
- **Date with/without Time Component:** Available when using a filter operator that requires two dates as input, and the filter field is either a date or timestamp (eg, Between).

Hourly phrases

Phrase	Description	Dynamic update?	Field format	Available
Last 5 Minutes	Query data from the past five minutes only (based on the time the report is run).	Yes	Date with Time component	System wide
Last 10 Minutes	Query data from the past 10 minutes only (based on the time the report is run).	Yes	Date with Time component	System wide
Last 15 Minutes	Query data from the past 15 minutes only (based on the time the report is run).	Yes	Date with Time component	System wide
Last 30 Minutes	Query data from the past 30 minutes only (based on the time the report is run).	Yes	Date with Time component	System wide
Last Hour	Query data from the past hour (based on the time the report is run).	Yes	Date with Time component	System wide
Last 3 Hours	Query data from the past three hours only (based on the time the report is run).	Yes	Date with Time component	System wide
Last 6 Hours	Query data from the past six hours only (based on the time the report is run).	Yes	Date with Time component	System wide
Last 8 Hours	Query data from the past eight hours (based on the time the report is run).	Yes	Date with Time component	System wide
Last 12 Hours	Query data from the past 12 hours (based on the time the report is run).	Yes	Date with Time component	System wide
Last 24 Hours	Query data from the past 24 hours (based on the time the report is run).	Yes	Date with Time component	System wide

Daily phrases

Phrase	Description	Dynamic update?	Usage	Availability
Today	Query data from today only.	Yes	Single date Date with/without Time Component	System wide
Yesterday	Query data from yesterday only.	Yes	Single date Date with/without Time Component	System wide
Tomorrow	Query data for tomorrow only.	Yes	Single date Date with/without Time Component	Not in Guided NLQ
Today Minus 3 Months,	Query data from a specific, single day, three months ago (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Today Minus 12 Months,	Query data from specific, single day, 12 months ago (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Now Minus 3 Days	Query data from the full past three days to now, specific to the exact time of day (based on the time the report is run).	Yes	Date with Time component	System wide
Now Minus 7 Days	Query data from the full past seven days to now, specific to the exact time of day (based on the time the report is run).	Yes	Date with Time component	System wide
Last 7 Days	Query data from the full past seven days to now (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Previous 7 Days	Query data from the past 14 days to seven days ago (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Next 30 Days	Query data for the next 30 days (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Next 60 Days	Query data for the next 60 days (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Next 90 Days	Query data for the next 90 days (based on the date the report is run).	Yes	Date with/without Time Component	System wide

Weekly phrases

Phrase	Description	Dynamic update?	Usage	Availability
This Business Week Start	Query data from a specific, single day — the first day of the current business week (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Business Week End	Query data from a specific, single day — the last day of the current business week (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Business Week to Now	Query data from the current financial week to now, specific to the exact time of day (based on the time the report is run).	Yes	Date with Time component	System wide
Now Minus 2 Weeks	Query data from the past 14 days to now, specific to the exact time of day (based on the time the report is run).	Yes	Date with Time component	System wide
Now Minus 3 Weeks	Query data from the past 21 days to now, specific to the exact time of day (based on the time the report is run).	Yes	Date with Time component	System wide
This Week	Query data from this calendar week (based on the date the report is run). This uses the Java locale (your system settings) to dictate the start day of the week.	Yes	Date with /without Time Component	System wide
Last Week	Query data from the last calendar week (based on the date the report is run). This uses the Java locale (your system settings) to dictate the start day of the week.	Yes	Date with /without Time Component	System wide
Last Business Week	Query data from the last business week (based on the date the report is run). This uses the Java locale (your system settings) to dictate the start day of the week.	Yes	Date with /without Time Component	System wide
Last 4 Weeks	Query data from the last four calendar weeks before this week (based on the date the report is run). This uses the Java locale (your system settings) to dictate the start day of the week.	Yes	Date with /without Time Component	Not in Guided NLQ
Last 8 Weeks	Query data from the last eight calendar weeks before this week (based on the date the report is run). This uses the Java locale (your system settings) to dictate the start day of the week.	Yes	Date with /without Time Component	Not in Guided NLQ
Last 12 Weeks	Query data from the last twelve calendar weeks before this week (based on the date the report is run). This uses the Java locale (your system settings) to dictate the start day of the week.	Yes	Date with /without Time Component	Not in Guided NLQ

Monthly phrases

Phrase	Description	Dynamic update?	Usage	Availability
This Month Start	Query data from a specific, single day — the first day of the current calendar month (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Month End	Query data from a specific, single day — the last day of the current calendar month (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Month Start	Query data from a specific, single day — the first day of the last calendar month (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Month End	Query data from a specific, single day — the last day of the last calendar month (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
January	Use any full month name to query data from that month.	No	Date with/without Time Component	Guided NLQ only
Jan	Use the first three letters of any month to query data from that month.	No	Date with/without Time Component	Guided NLQ only
This Month to Date	Query data from the current calendar month to today (based on the date the report is run). This excludes any data for future dates in this month.	Yes	Date with/without Time Component	System wide
This Month	Query data from the current calendar month, including future dates (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Last Month	Query data from last calendar month (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Last 3 Months	Query data from last three calendar months, not including the current month (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Last Month Minus 12 Months	Query data from the last calendar month, a year earlier (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Now Minus 1 Month	Query data from the full past month to now, specific to the exact time of day (based on the time the report is run).	Yes	Date with Time component	System wide

Quarterly phrases

Phrase	Description	Dynamic update?	Usage	Availability
This Quarter Start	Query data from a specific, single day — the first day of the current quarter (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Quarter End	Query data from a specific, single day — the last day of the current quarter (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Financial Quarter Start	Query data from a specific, single day — the first day of the current financial quarter (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Financial Quarter End	Query data from a specific, single day — the last day of the current financial quarter (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Quarter Start	Query data from a specific, single day — the first day of the last quarter (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Quarter End	Query data from a specific, single day — the last day of the last quarter (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Financial Quarter Start	Query data from a specific, single day — the first day of the last financial quarter (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Financial Quarter End	Query data from a specific, single day — the last day of the last financial quarter (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Q1	Use this shortened format for annual quarters to query data from a specific quarter.	No	Date with/without Time Component	Guided NLQ only
FQ1	Use this shortened format for financial year quarters.	No	Date with/without Time Component	Guided NLQ only
This Quarter	Query data from the current quarter, including future dates (based on the date the report is run).	Yes	Date with/without Time Component	System wide
This Quarter to Date	Query data from the current quarter to today (based on the date the report is run). This excludes any data for future dates in this month.	Yes	Date with/without Time Component	System wide
This Quarter Last Year	Query data from this quarter, a year ago (based on the date the report is run).	Yes	Date with/without Time Component	System wide

This Financial Quarter	Query data from the current financial quarter, including future dates (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Last Quarter	Query data from the last quarter (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Last Financial Quarter	Query data from the last quarter (based on the date the report is run).	Yes	Date with/without Time Component	System wide
Quarter before Last	Query data from the previous quarter to the last quarter (based on the date the report is run).	Yes	Date with/without Time Component	Not in Guided NLQ
Next Quarter	Query data for the upcoming calendar quarter after the current date	Yes	Date with/without Time Component	System wide

Annual phrases

Phrase	Description	Dynamic update?	Usage	Availability
This Year	Query data for this calendar year.	Yes	Date with/without Time Component	System wide
Last Year	Query data from the last calendar.	Yes	Date with/without Time Component	System wide
This Year Start	Query data from a specific, single day — the first day of the current calendar year (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Year End	Query data from a specific, single day — the last day of the current calendar year (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Financial Year Start	Query data from a specific, single day — the first day of the current financial year (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Financial Year End	Query data from a specific, single day — the last day of the current financial year (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Year Start	Query data from a specific, single day — the first day of the last calendar year (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Year End	Query data from a specific, single day — the last day of the last calendar year (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Financial Year Start	Query data from a specific, single day — the first day of the last financial year (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
Last Financial Year End	Query data from a specific, single day — the last day of the last financial year (based on the date the report is run).	Yes	Single date	Not in Guided NLQ
This Year to Now	Query data for this year so far, specific to the exact time of day (based on the time you submit your question).	Yes	Date with Time component	System wide
This Year to Date	Query data for this year so far (based on the date your report is run).	Yes	Date with/without Time Component	System wide
This Financial Year To Date	Query data specifically for the current financial year up to the present date.	Yes	Date with/without Time Component	System wide
This Financial Year	Query data for this financial year (based on the date your report is run). This phrase won't display if your financial and calendar years are the same.	Yes	Date with/without Time Component	System wide
Last Financial Year	Query data from the last financial year. This phrase won't display if your financial and calendar years are the same.	Yes	Date with/without Time Component	System wide
2021	Type a four-digit year to query data from that year only.	No	Date with/without Time Component	NLQ only

Special phrases

Phrase	Description	Dynamic update?	Usage	Availability
All Time	We highly recommend you always provide a date with your query to avoid resource overload in returning too much data. However, if you want to see results since your data began you can use this phrase.	—	—	NLQ only