

In this example, we will get the sum of **Last Occurrences** where the **Proposition** is the children of the **Proposition** "Level 2" but not itself, and the **Activity Type** is "AT 1".

First, we need to make a supporting rule that gets us the **Proposition Path** of the **Proposition** "Level 2". The **Proposition Name** in the **Proposition Data Adapter** is actually the full **Proposition Path** and so this field will be retrieved:

Choose a data item

Profiles

Data Items

Functions

Search

Data Adapters

actions

customerMetaData

device

propositions

Activities

Completed

Cumulative count

Cumulative diminished count

Proposition code

Proposition name

Total count

Total diminished count

Eligibility Rules

Action Attributes

Proposition name

Propositions / Proposition name

Retrieve the Proposition name for Propositions where

Proposition name

=

Level 2

Cancel

Next

We can then save this rule:

Overview

Eligibility Rules

Priority Rules

Actions

Dynamic Actions

Action Attributes

Assets

Datastores

Proposition - Proposition Name - Level 2

Enter a brief description of your Eligibility Rule

Proposition name of Level 2

This **Proposition Path** will match the **Proposition** "Level 2" and its children, but we only want it to match the children. To do this we need to append an "/" onto the end of our **Proposition Path** so the parent **Proposition** will no longer match:

Proposition - Proposition Name - Level 2 - Exclusive

Enter a brief description of your Eligibility Rule

concatenate

Proposition - Proposition Name - Level 2

"/"

to a string

...

As we are aggregating, we first need to select which aggregation **function** we are using. We will be using **Latest date in** to get the latest date from the **Last Occurrence** for each matching **Proposition** & **Activity Type**:

Proposition - Last Occurrence - Level 2 Exclusive + AT 1

Enter a brief description of your Eligibility Rule

latest date in

...

Next, we open the **DIP**, select the field we want:

Choose a data item as a list

Profiles

Data Items

Functions

Search

Data Adapters

actions

customerMetaData

device

propositions

Activities

Activity Type name

Activity count

Diminished count

Last occurrence

Completed

Cumulative count

Cumulative diminished count

Proposition code

Proposition name

Total count

Last occurrence

Propositions / Activities / Last occurrence

You have selected the whole Propositions collection.

If you want to be more specific, add selection criteria

You have selected the whole Activities collection.

If you want to be more specific, add selection criteria

Cancel

Done

You will notice that as we have used this **function**, when we enter the **DIP** we are limited to only fields that return a **Datetime** and that we are not required to apply any filters.

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We will select the rule we made for the **Proposition**, and apply our **Activity Type** filter:

Choose a data item as a list

ProfilesData ItemsFunctions

Search

Data Adapters

actions

customerMetaData

device

propositions

Activities

Activity Type name

Activity count

Diminished count

Last occurrence

Completed

Cumulative count

Cumulative diminished count

Proposition code

Proposition name

Total count

Last occurrence

Propositions / Activities / Last occurrence

Retrieve the Last occurrence for Propositions where

Proposition name ≥

Proposition - Proposition Name - Level 2 - Exclu...

Retrieve the Last occurrence for Activities where

Activity Type name =

AT 1

Cancel

Next →

Finally, we save our rule:

Proposition - Last Occurrence - Level 2 Exclusive + AT 1

Enter a brief description of your Eligibility Rule

latest date in [Last occurrence of Level 2 Exclusive + AT 1] ...