


# Custom Data Sets

You can define custom location-specific data types that can then be used in filters, such as to reject locations with a particular value. Or, this data can be used as a sort option in scenarios to compare the locations. This may be hourly rates, staff levels, or other attributes that apply to every location but may vary in value.

Data types can also be populated in many APIs as a `customData` object with the configured name and a value appropriate to the data type.

 Note that changes to Order Routing settings may not immediately take effect when processing orders. It may take up to 15 minutes for updates to be reflected in the system while the cache refreshes.

## Data Sets Page

All existing data types are listed under the **Custom Data Sets** page, under the **Data Types** tab shown below.

### Custom data sets

Extend Order Routing's sort and filter capabilities by defining your own custom data types. Manage multiple values for each location by using a data set.

Data types

Data set

**Data types**

Define location-specific data such as cost per piece, hourly labor cost, and lead time by uploading them in a data set. Each data type can be used as a filter to reject unqualified locations from consideration, or as a scenario sorting method to compare remaining locations for assignment.





Sample data type...

Use as: Filter, Scenario sort

Data type: String













On this page, an additional list of Actions will appear under the side navigation menu.

## ACTIONS

-  Add data type
-  Download data set
-  Upload data set
-  Download template

## Data Set Table

The custom data types will be reflected in the table under the Data Set tab, with a row for each location and all custom data types listed as columns so that they can be modified for each location. Click the pencil icon to edit a row or click **Add Location** to add an empty row for a new location with custom data.

Location	Labor Rate	Fulfillment Percentage	Fulfillment Speed	Store Traffic	Edit
AUNEC (5260)	5	75	4	150	 
XBJDJ (5261)	5	100	5	200	 
PhysicalStore01 (5262)	5	100	8	250	 
PhysicalStore02 (5263)	1	90	10	220	 
PhysicalStore02 (5263)	5	100	8	201	 
<input type="text" value="Enter name or ID"/>	<input type="text" value="5"/>	<input type="text" value="100"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	 

Add Location

Items per Page 10

## Adding and Editing Data Types

New data types can be added under the **Add Data Type** action. That form will prompt you to enter the name, whether it can be filtered or sorted by, the data type, optional unit of measurement if applicable to the data type, and an optional default value before clicking **Save** to create the data type.

These same options are displayed when editing an existing data type:

## Add data type

Your newly defined data can be used as a filter to reject unqualified locations from consideration, or as a group sorting method to compare remaining locations for assignment.

Name

Filterable

Sortable

Data type

Default value (Optional)

Cancel

Save

## Uploading Data Sets

Data sets can be created as well as modified in bulk via the Upload data set action section listed under the navigation menu. This may be more efficient if a large amount of updates need to be made at once, rather than individually changing each location entry in the data set table.

The upload tool will accept a .CSV file to update any existing data types across the entire set of locations. New data types cannot be created via this file upload, however - they must be defined per the instructions above. A template for this .CSV can be downloaded from the action menu as well.

### Upload data set

You can manage multiple values for each location by using a data set.

1. Define one or more data types. Data types must be defined to appear in the data set.
2. Download the data set template to generate a CSV of all locations and values.
3. Upload a new or revised CSV.

#### Select data types to modify

Only the selected data type values will be overridden.

- All
- BooleanDataType

Import file

Update