



Data Template Population for Real Asset Analysis

Four Twenty Seven provides a template for organization and import of properties to score using Four Twenty Seven's on-demand scoring tool. Click [here](#) to download our CSV template for submitting data and populate it with relevant information for each of the properties you wish to analyze.

The CSV template includes a header section as well as pre-defined columns for a number of defined fields together and a number of custom fields. All fields are defined below and are classified as either required or optional.

REQUIRED FIELDS

- **ID** – unique identifier (i.e. building number, campus ID) for the asset. Identifiers help us tie our scoring results back to your data and manage updates to your portfolios over time
- **Name** – Name used to identify the asset
- **Location** – Full street address (including country, state/province and postal code)
 - Please make sure to include only one location per row, i.e. 25/27/29 North Ave. should be three separate rows: 25 North Ave, 27 North Ave, 29 North Ave.
 - Please also use 3 digit ISO codes to specify country. A list of 3 digit country ISO codes is available [here](#).
- **Value** – The monetary value of the asset. Please specify all assets using the same currency and denote the currency in the file header as indicated below.
- **Activity** – Specification of the commercial use or activity of the asset. This information is used to characterize impacts from hazards like heat stress or water stress. The list of activity types is available in Appendix A of this document.

OPTIONAL

- **Latitude/Longitude** – You may also provide a geolocation for the asset by specifying a latitude/longitude for each asset. These are complementary to the asset location provided via details on street address.
- **Value Category** – A non-monetary indication of the importance of asset, described using an internal classification (e.g. critical/non-critical facility) of the importance. Values used to populate this column can be used for grouping of assets into value contribution categories for presentation purposes, and are specified as one of the following:
 - Very Low
 - Low



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- Medium
- High
- Very High
- **[Custom1] [Custom2] [Custom3] [Custom4] [Custom5]** - You may provide information for up to 5 additional custom fields. As with Value Category, these fields can be used for grouping and presentation of results once an analysis has been run. For example, you may add additional information on:
 - **Portfolio name, client associated with the site, or rollup hierarchies** – code and name, e.g. organization (cost center, department, division, VP/partner), line of business (product, business unit, management group), geography (area, region)
 - **Tags** – codes that associate a facility to a rollup hierarchy, or other relevant tags or characteristics to allow grouping of results for analysis
 - **Site characteristics:** square footage, number of employees, water or energy consumption at the facility level

Optional fields will not be used for analysis but will be displayed in analytics outputs and presentation of results.

FILE HEADER

The on-demand data template supports specification of portfolio level attributes through a header section. Fields for **Portfolio Name**, **Portfolio As-of Date** and **Portfolio Currency** can be specified as below. All fields should be preceded by the '!' character, and formatted as follows:

!Name: <Portfolio Name>

!Date: <YYYY/MM/DD>

!Currency: <Country currency, specified using 3 digit Country ISO code>

Each item in the header field should occupy a single line in the header of the file. Any or all of the three headers can be specified. If no currency value is provided, it is assumed that asset values, if provided, are specified in USD.



Appendix A – List of Acceptable Activity Types

ACTIVITY TYPE	
Agriculture	Office
Assisted Living	Other
Campus	Parking
Data Center	Power Plant
Entertainment Complex	Residential
Freight logistics	Restaurant
Hospital	School
Hotel	Shopping Centre
Laboratory	Storage
Manufacturing	