DOME 4.0 marketplace ecosystem: Searching for data

This documentation refers to standard search functionality of the DOME 4.0 marketplace.

Detailed here is how to perform standard searches on the platform using the search bar and search page.

Standard Search

Searches are executed using the search bar on the home page after login, shown in Figure 1. Attempting to execute a search before logging in will invite the user to login first.

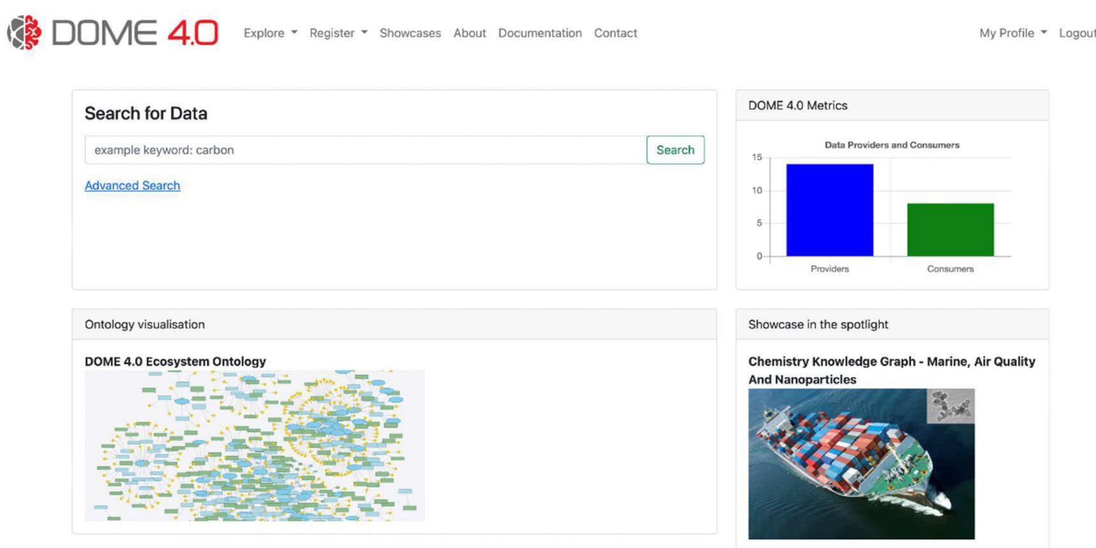

Figure 1: Home page after login.

Searches are performed by entering a query into the search bar on the home page. In this case, a search for “carbon” is inputted, shown in Figure 2.

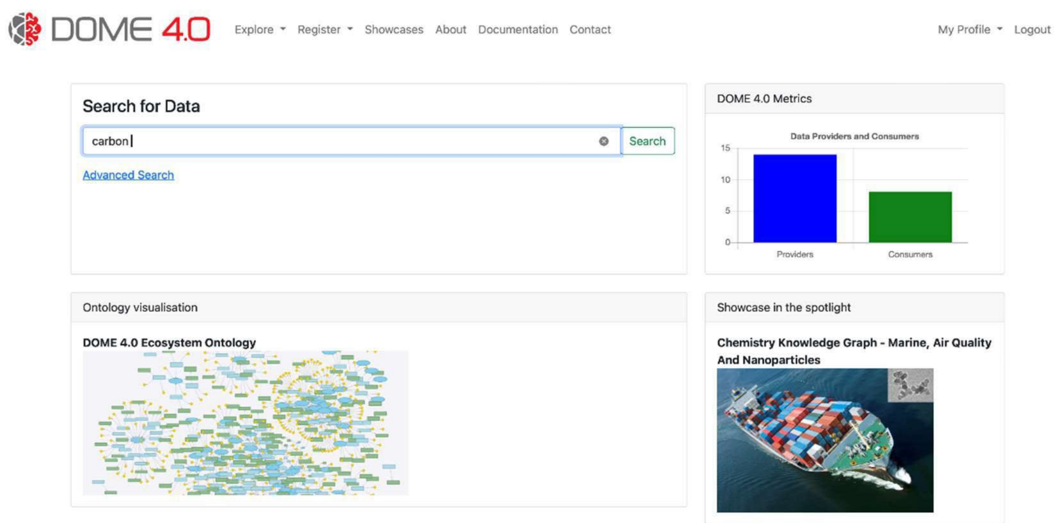

Figure 2: Search bar with "carbon" as a query.

Performing the search will bring the user to a results page, Figure 3. Listed in the results page are datasets containing the keyword, in this case, datasets relating to "carbon". Additionally, the user may refine their search by selecting filters, available on the right, which relate to the topic of the results e.g. Natural Sciences, Engineering and technology or the desired product type e.g. Materials property or Modelling data.

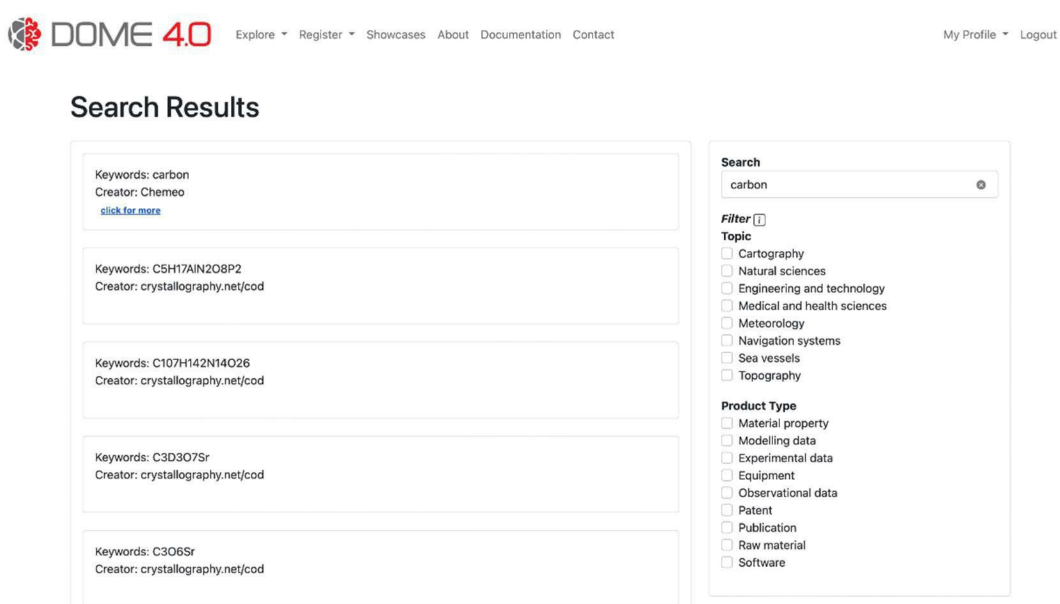

Figure 3: Results page for "carbon".

The user may access the data by selecting “click for more”. This will show the data of the selected dataset along with the relevant metadata, Figure 4. Also available are metrics for the resulting data, on the right, which shows whether the platform is free or not, domain of the data, and a FAIR score.

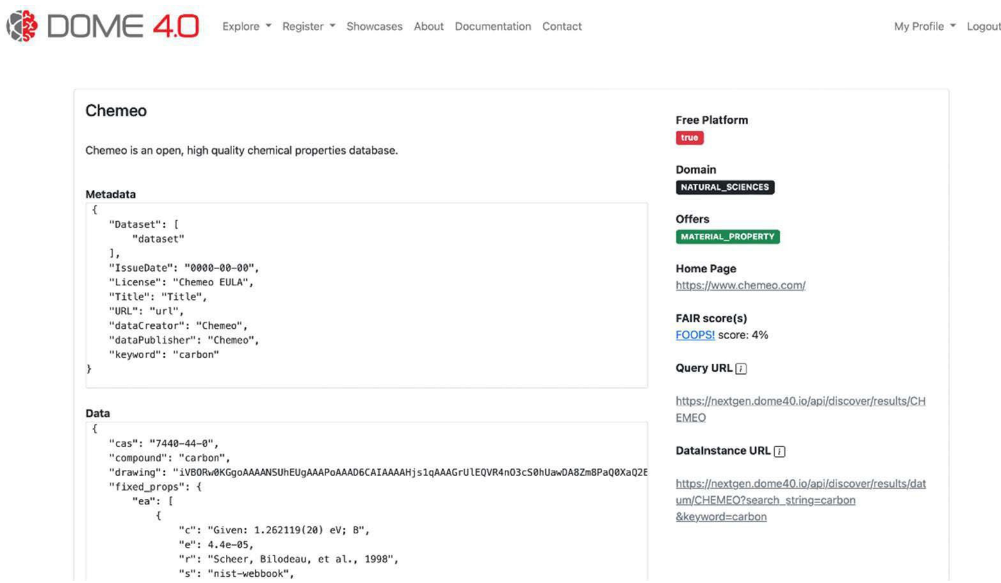

Figure 4: Data and metadata for “carbon”.

Search Page

In addition to searching for data using the search bar on the home page, a user may perform searches by accessing a search page through the Explore tab on the top menu after login, Figure 5.

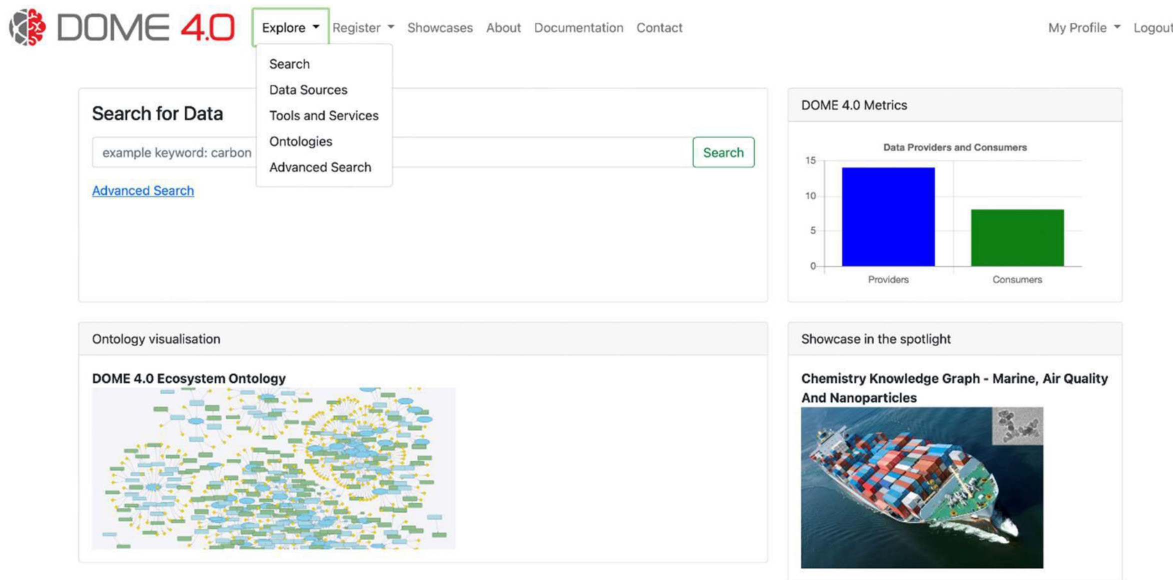

Figure 5: Search page available on the top menu.

This will direct the user to a search page, Figure 6, where searches may be performed via the search bar on the right.

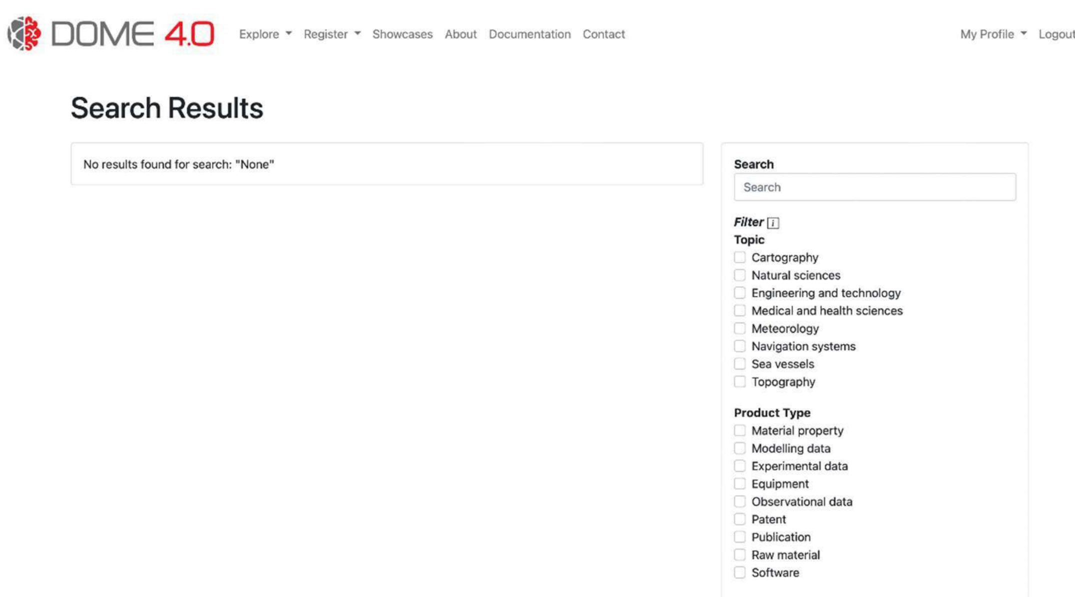

Figure 6: Search page.

The user may perform a search by entering a query word into the search bar on right, as shown in Figure 7.

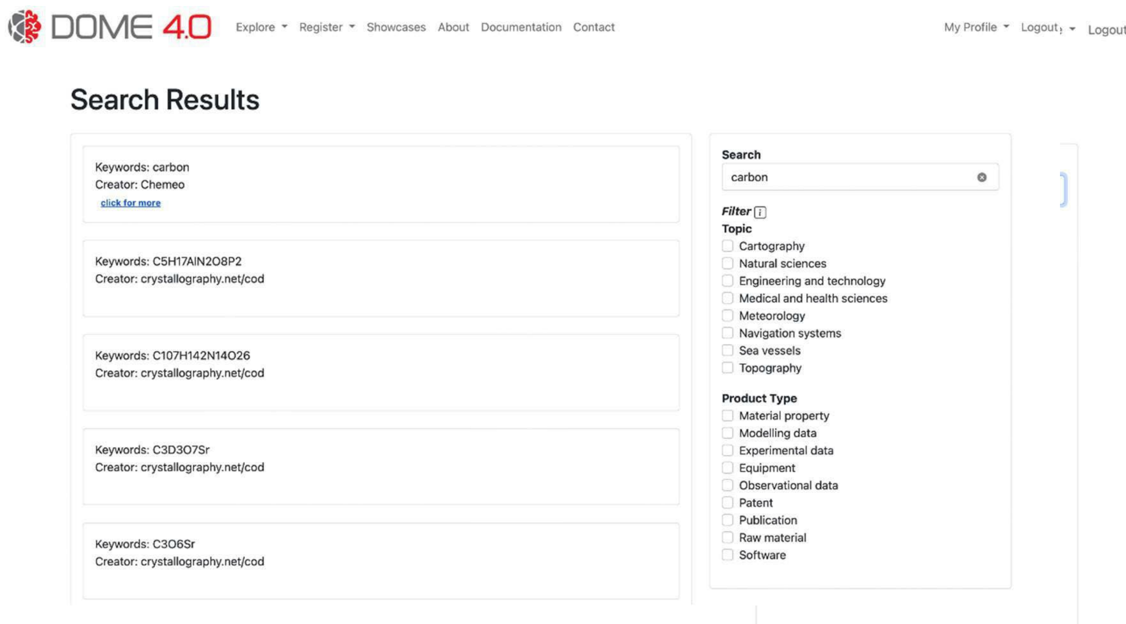

Figure 7: Performing a query for “carbon” in the search bar.

Executing the query, the user will be directed to a results page of data, in the same way as in the Standard Search section outlined above.