

datastreamx

Quick Start Guide for Data Buyers

November 2015

Quick start guide

Welcome to DataStreamX! Our marketplace allows you to easily source for data from across the world. We focus on simplifying the data procurement journey to compress the purchasing cycle from months to minutes. Our marketplace vendors provide data from a variety of industries including social media, financial, economic, ecommerce, news, geospatial and telecommunications.

This quick start will explain how to set-up your buyer account, search for data, purchase data and consume data listed on the DataStreamX marketplace. Let's get started!

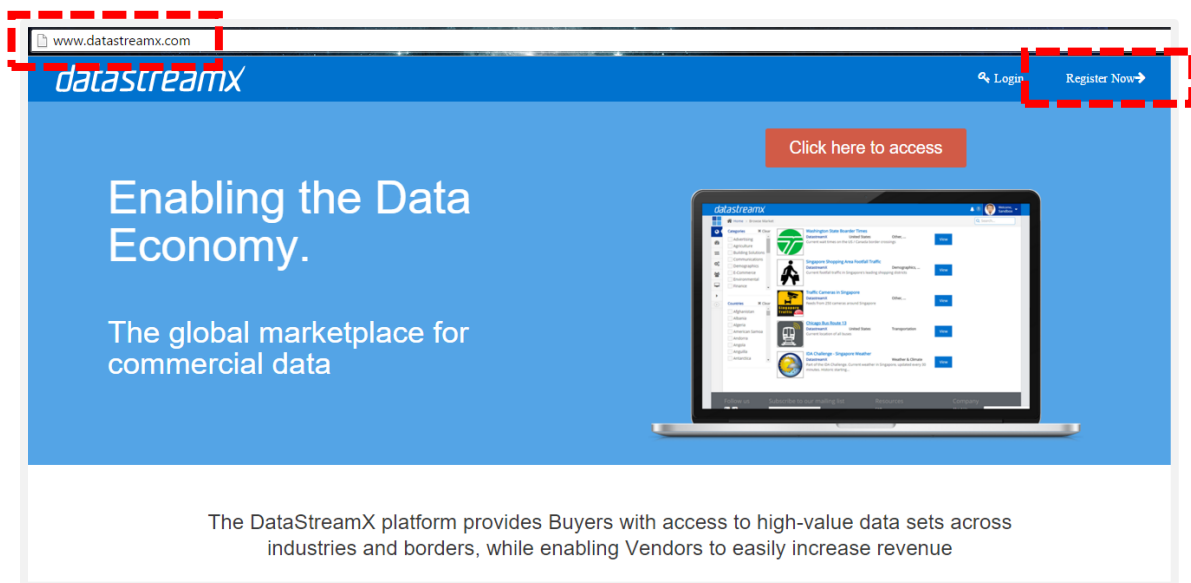
1. The DataStreamX Marketplace

All users will access the marketplace from our company homepage, www.datastreamx.com, regardless if a user is a buyer of data or a vendor of data. We recognize that users on our platform may simultaneously be a data buyer or data vendor. Thus, we only have one marketplace user interface to address this duality.

Register for Free at DataStreamX

All users must register with DataStreamX before they can begin purchasing. We've made the login process as smooth as possible and it should only take a few minutes to complete. You will never have to pay a membership or user fee to browse the marketplace

1. Go to the DataStreamX Homepage
2. Click on the "Register" link in the top right corner



3. Input your information, including your work email. Note, you have several user types to choose from; don't worry too much on which one you select since the marketplace has the same look and feel for all users.

datastreamx

New User Registration

Enter your details to begin:

First name

Last name

Company name

--- Select country ---

Email

--- Select User Type ---

I accept all [Terms of Use](#) and [Privacy Policy](#)

[Reset](#) [Register](#)

[← Back to Home](#)

Let's go to the DataStreamX marketplace. First, please register here!

After completing the sign-up at the left, ...

Data Buyers will be able to:

- ✓ Search listings in the marketplace
- ✓ Filter products by category and industry
- ✓ Access sample data before purchase
- ✓ Purchase and access data seamlessly

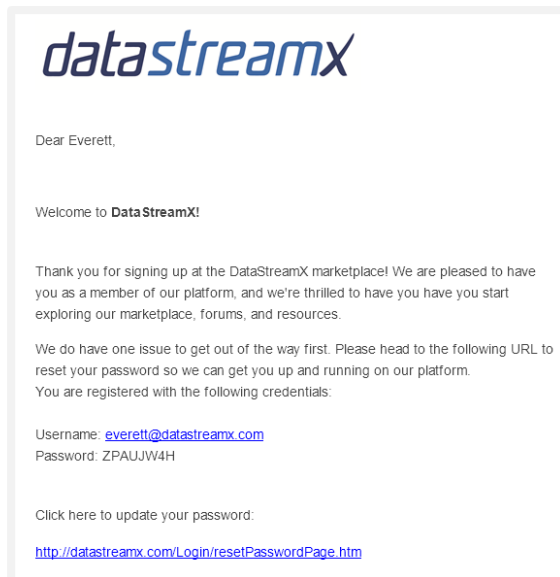
Data Vendors will be able to:

- ✓ List and upload data products
- ✓ Manage their product listings
- ✓ View the product dashboards
- ✓ View Buyer requests

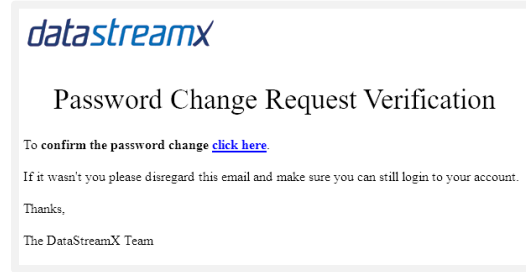
Don't be concerned about the User Type. We recognize that a Buyer could be a Vendor and the reverse. So we've designed the marketplace to give all users the same functionality and experience.

👍 We're happy for you to join our marketplace!

4. Click "Register".
5. You will receive an "Welcome to DatastreamX" email with a change password request. Click the link in the email and set the new password.



- Once complete you will receive another email titled “DataStreamX Password Reset Verification”. Click the link and input your new credentials.

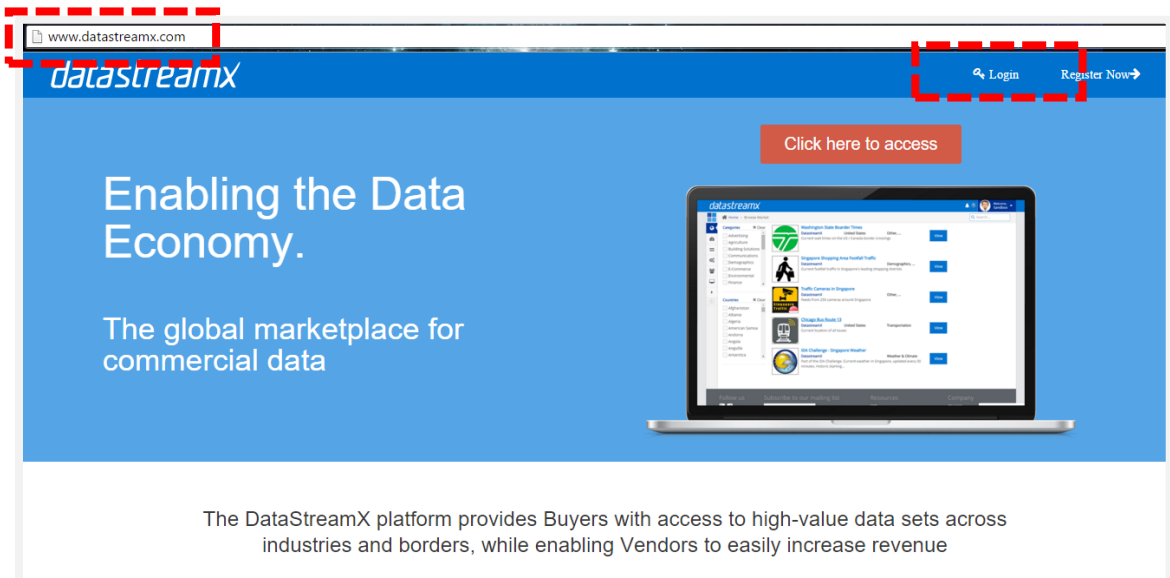


- Welcome to the DataStreamX marketplace!

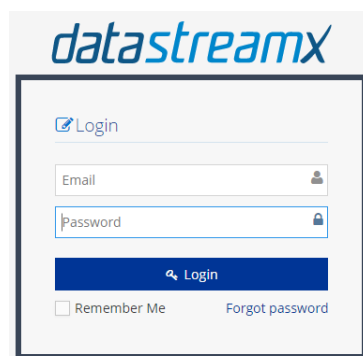
Login to DataStreamX

Logging-in to the DataStreamX marketplace is very simple. It takes just 4 steps:

- Go to the DataStreamX Homepage
- Click on the “Login” link in the top right corner.



- Input your new credentials and hit enter.



4. Welcome to the DataStreamX marketplace!

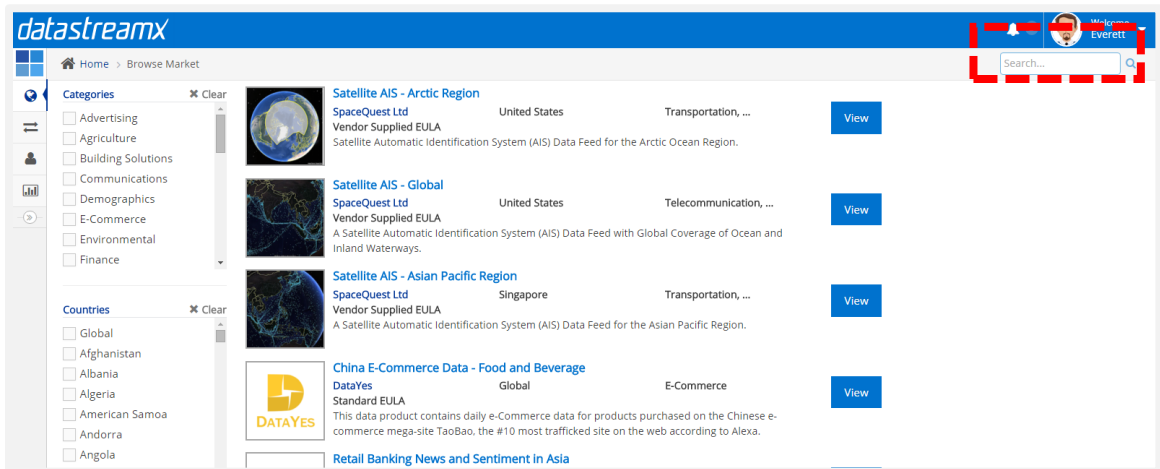
2. Navigating DataStreamX Marketplace

Once you login to the marketplace you can begin browsing for data. There are several ways to find the data you need for your use cases.

Searching for Data

Users can perform keyword searches in order to find data products that match with the search terms in their product descriptions or the listing metadata.

1. Click in the Search Bar field from any of the marketplace pages.

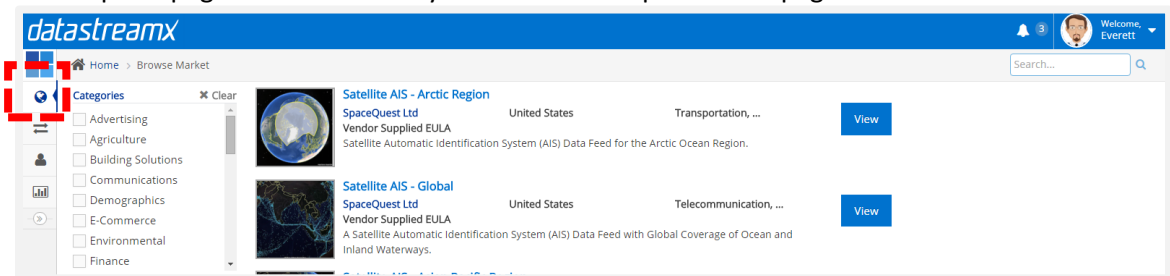


2. Type in your keywords and hit enter

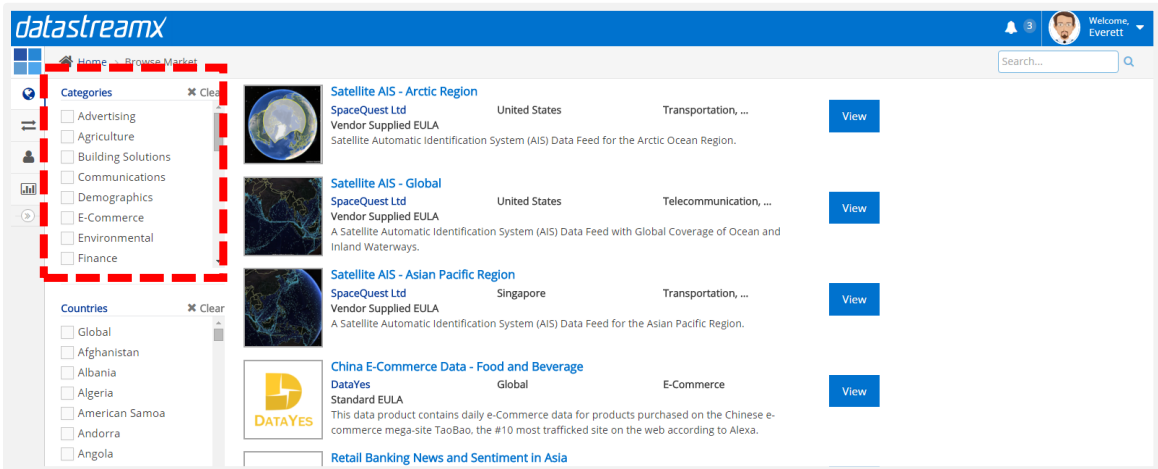
Filtering Data Products

Users can also use DataStreamX's pre-defined filters for categories and geographies. Users have a large amount of flexibility to combine filters to find data that fills their specific needs.

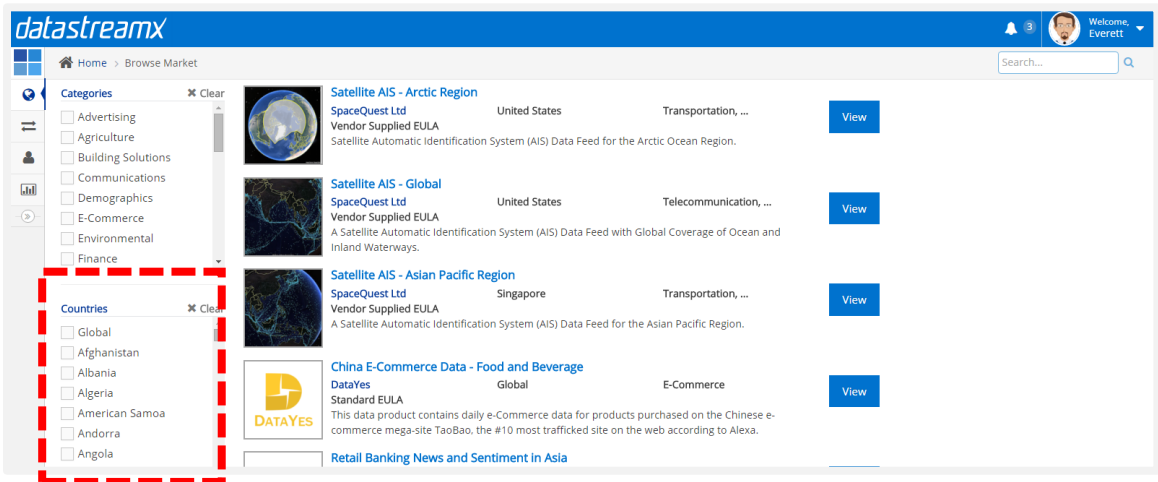
1. Click the "Browse the Market" icon, which is shaped like a globe in the top left corner of all marketplace pages. This link takes you to the marketplace homepage.



2. Select the category or categories of interest



3. Select the countries of interest



Viewing a Data Product Listing

Please note that most vendors list multiple products on the marketplace. We encourage users to browse several of a vendor's listings before selecting the optimal product. To view a data product listing, users can click on several links to view more details. These are:

1. Product listing name
2. Product listing image
3. "View" button

3. Types of Data Products

DataStreamX classifies data products into 2 categories: Streaming Data, and Non-Streaming Data. Users can identify what type of product they are viewing in the top left corner of the product listing. Users will see either “Browse Streams” for streaming products and “Browse API” for non-streaming products.

Streaming Products

Streaming data on DataStreamX consists of real-time data streams, or “firehose” products. This data is typically raw and unfiltered data pushed directly to the buyer’s servers.



Non-streaming Products

For event-driven and reference data product where the data isn’t in the form of a high velocity data stream, vendors transact via API calls or a direct download.



Data Formats

Data is produced and stored by vendors in a variety of types. DataStreamX does not standardize the format or structure of the data products. DataStreamX also does not perform any analyses or enrichment on the data before it is used by the buyers. However, DataStreamX can convert most data to the format of choice for buyers for ingesting, including:

- JSON
- XML
- CSV
- XLSX
- PDF
- Binary
- JPEG
- Others

4. Accessing Sample Data

As part of our Terms of Use, data vendors are required to provide a sample data for both streaming and non-streaming data. DataStreamX requires this in order to build confidence in the buyers and assure that the data products are of appropriate quality and fit their use cases. The location of sample data varies between products.

Streaming Data Samples

Sample data for streaming data comes in the form of a “developer loop”. A developer loop provides prospective buyers with a stream of actual data from a reference 24 hour period of time. This allows prospective buyers the ability to test and QA the quality and volume of data for their use cases.

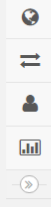
Non-Streaming Samples: API-based

For API-based products, data vendors allow a free trial with a batch of up to 250 API calls, which will help simulate live production functionality within a buyer application. These free trial is located on the pricing plan page as “Free Trial”.

The screenshot displays the DataStreamX interface for the SkyWise Global Weather Observations and Forecast product. The product card features the SkyWise logo and the title 'Global Weather Obs & Forecasts'. Key details include the publisher 'Weather Decision Technologies Inc.', categories such as 'Insurance, Agriculture, Transportation, Public Safety, Environmental, ...', a 'Global' location, and a 'Standard' end user license. A full description states that the product provides on-demand weather observations and forecasts globally in XML format. Below the product card are 'View Similar' and 'More from Publisher' buttons. The pricing section at the bottom shows two options: a 'Free Trial' for \$0 with a 'Subscribe Free' button, and a 'Basic Plan' for \$1000 Monthly with a 'Buy' button. The 'Sample Data' tab is visible but not selected.

Non-Streaming Samples: Direct Download

Sample data for direct download products is located in the “Sample Data” tab of the panel located at the end of the product listing.



Daily Feed of North America Based Venture Capital Transactions



Publisher : VentureDeal
Categories : Trending, News & Events, Finance, Other
Location : Global
End User License : Standard
Full Description :
ABOUT THE PRODUCT
The Transaction feed includes North American venture-capital backed techn

... More →

[View Similar](#)

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- Pricing
- Documentation
- Sample Data
- Support

Sample Transactions Feed [Download](#)

5. Buying Data

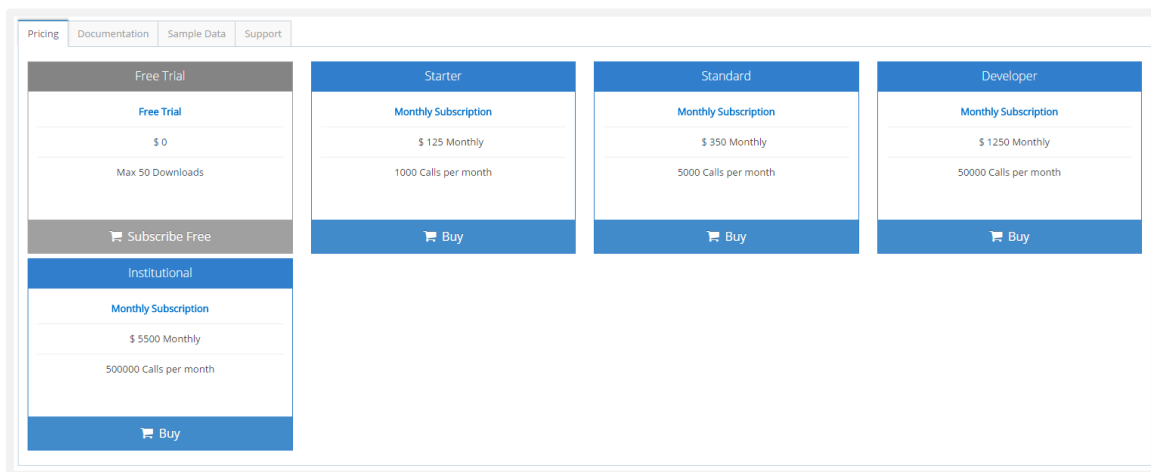
DataStreamX simplifies the data procurement process for users by removing the unwieldy and potentially lengthy contract negotiation process. Ultimately, the transaction is between the buyer of the data and vendors of data. As such, buyers will agree to the End User License Agreement (EULA) with the vendor at the point of sale.

Choosing Plan

Pricing of data products is fixed by the data vendor. Vendors will set various pricing and consumption plans for each product; the decision for users largely rests on their use cases and consumption projections.

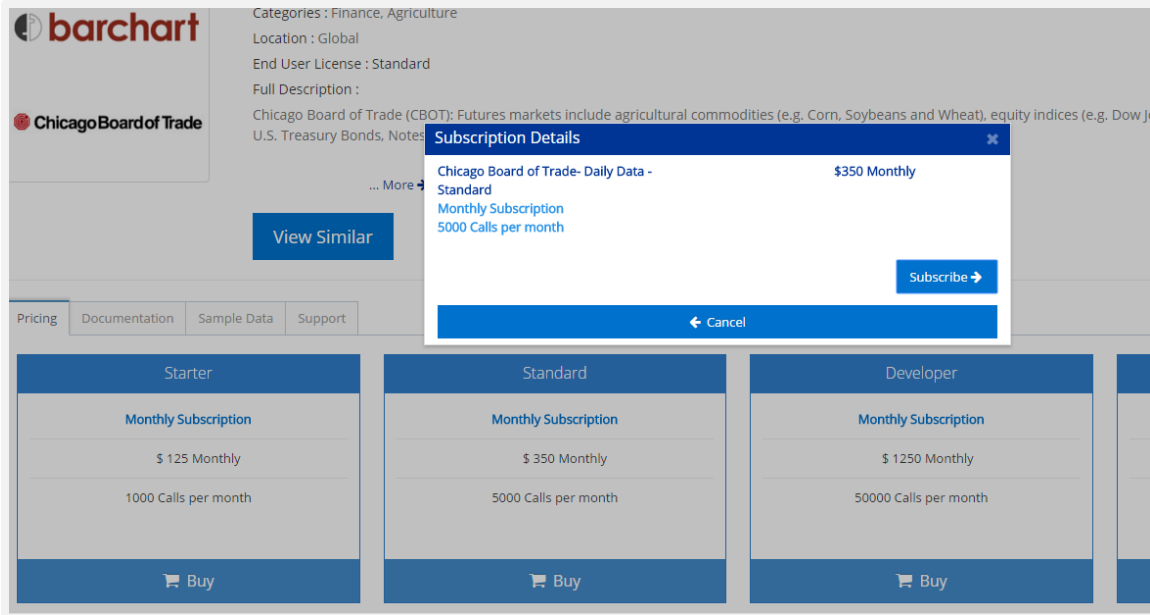
Subscription

Most products on the DataStreamX marketplace are priced on a monthly subscription basis. Select the best plan for your use case and click “Subscribe”.



The screenshot displays a pricing page with a navigation bar at the top containing 'Pricing', 'Documentation', 'Sample Data', and 'Support'. The main content area features five subscription plans arranged in two rows. The first row includes 'Free Trial', 'Starter', 'Standard', and 'Developer'. The second row includes 'Institutional'. Each plan card lists its name, subscription type, monthly price, and call/download limits, with a 'Buy' button at the bottom.

Plan Name	Subscription Type	Price	Usage Limit	Action
Free Trial	Free Trial	\$ 0	Max 50 Downloads	Subscribe Free
Starter	Monthly Subscription	\$ 125 Monthly	1000 Calls per month	Buy
Standard	Monthly Subscription	\$ 350 Monthly	5000 Calls per month	Buy
Developer	Monthly Subscription	\$ 1250 Monthly	50000 Calls per month	Buy
Institutional	Monthly Subscription	\$ 5500 Monthly	500000 Calls per month	Buy



One-time Purchase

Some vendors offer one-time purchases to add a batch of API calls to a subscription if users have consumed their limit, or to offer historic and reference data sets for purchase.

Request access

For a few products, vendors need to review the buyer credentials before approving the sale. Vendors will be sent a notification that a user has requested to purchase and has 72 hours to approve or reject a request; otherwise, the request will be automatically approved.

Making payment

After clicking “Subscribe”, a popup payment window will appear. Buyers will put their payment details in this form to set up a recurring payment for the data product subscription.

Note: DataStreamX leverages Chargify’s PCI compliant gateway to process all transactions. DataStreamX does not store any credit card information ourselves. For more information on Chargify, please visit www.chargify.com

Payment Information

Payment Information

Credit card type:		Billing address	
Credit card number:	<input type="text"/>	Address 1:	<input type="text"/>
Expiration date:	<input type="text" value="10"/> <input type="text" value="2015"/>	Address 2:	<input type="text"/>
CVV	<input type="text"/>	Country/Region:	<input type="text" value="---Select Country---"/>
First Name on card:	<input type="text"/>	State:	<input type="text" value="Enter State Name"/>
Last Name on card:	<input type="text"/>	City:	<input type="text" value="City Name"/>
		Zip code:	<input type="text" value="zip code"/> <small>Example: 97531</small>

Your privacy and security are our top concern, view how we keep your information safe here.

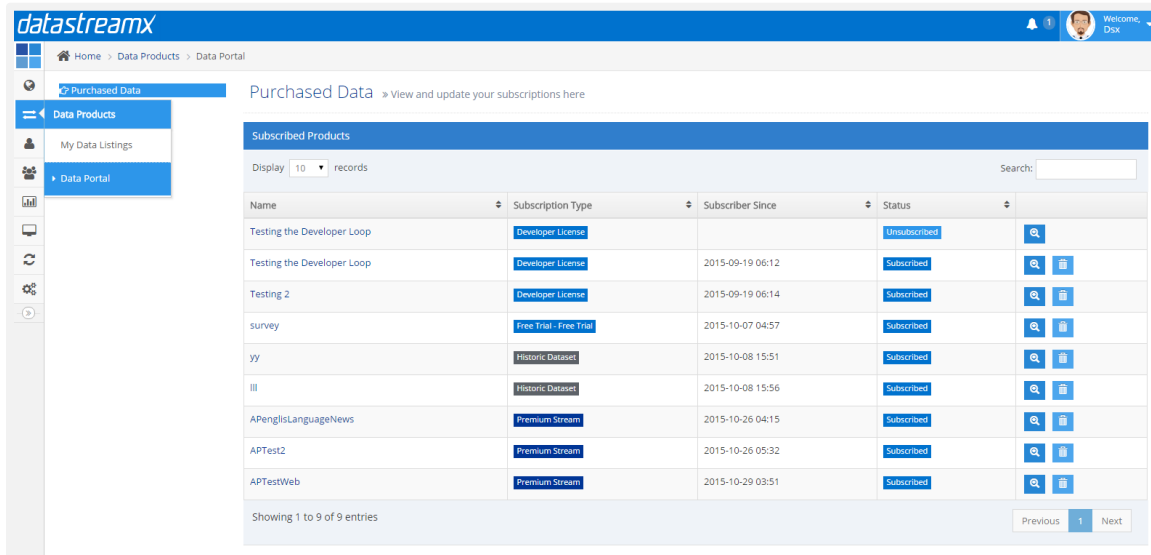
[Process Payment →](#)

[← Cancel](#)

6. Using Data Products

Viewing data

For both sample data APIs and purchased data, the data product will appear in the user's "Data Portal" listed in the left navigation column of the marketplace. Here, users can view their purchase history and also see their live subscriptions.



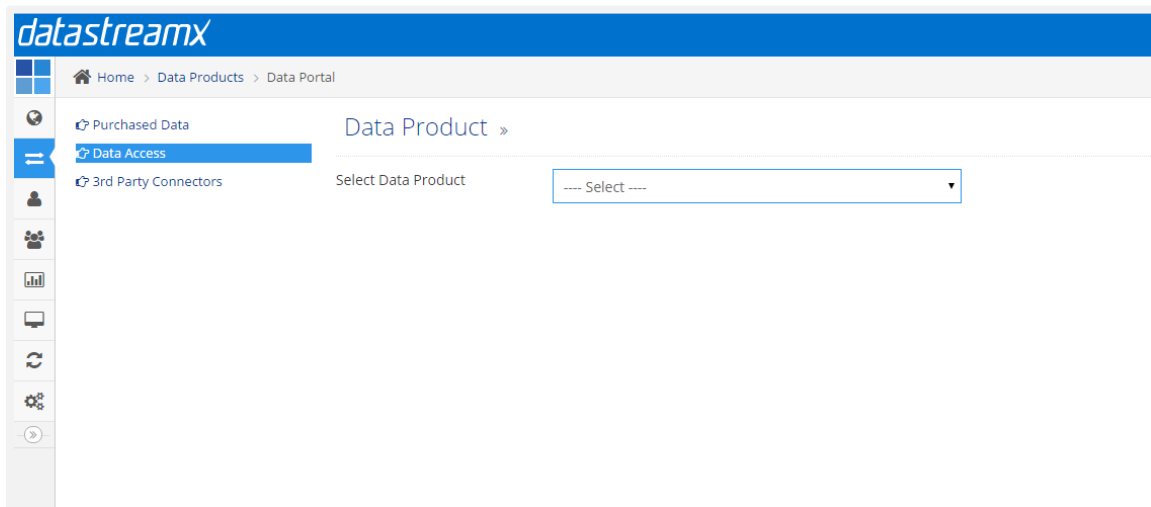
The screenshot shows the 'Purchased Data' page in the DatastreamX interface. The page title is 'Purchased Data' with a subtitle 'View and update your subscriptions here'. A table titled 'Subscribed Products' displays the following data:

Name	Subscription Type	Subscriber Since	Status
Testing the Developer Loop	Developer License		Unsubscribed
Testing the Developer Loop	Developer License	2015-09-19 06:12	Subscribed
Testing 2	Developer License	2015-09-19 06:14	Subscribed
survey	Free Trial - Free Trial	2015-10-07 04:57	Subscribed
yy	Historic Dataset	2015-10-08 15:51	Subscribed
lll	Historic Dataset	2015-10-08 15:56	Subscribed
APengliLanguageNews	Premium Stream	2015-10-26 04:15	Subscribed
APTtest2	Premium Stream	2015-10-26 05:32	Subscribed
APTtestWeb	Premium Stream	2015-10-29 03:51	Subscribed

The table includes search and filter icons for each row. At the bottom, it shows 'Showing 1 to 9 of 9 entries' and navigation buttons for 'Previous' and 'Next'.

Using data

From the Data Portal, select "Data Access" and choose the product you have purchased. After that, you will be provided the credentials in the programming language you use in your application or use case.



The screenshot shows the 'Data Product' page in the DatastreamX interface. The page title is 'Data Product' with a subtitle 'Select Data Product'. A dropdown menu is visible with the text '---- Select ----'.

Streaming Credentials

Obtain Java SDK and credentials for ingesting data streams pushed from DataStreamX to users servers.

VIA SDK

Use DatastreamX SDK for your application

**Please note the credentials wont work until and unless the stream is listed*

[Show Java SDK Credentials](#)

```
username=ede614920fd4987b4a05549e@datastreamx.com
password=a579d5aafbde7465a40b801e
streamname=69B6D0ABB70A3AFB56B6A8C6
streamname=300e400e4e
```

[Download SDK](#)

[Java SDK](#)

API Credentials

Obtain keys based on programming language of choice

VIA API

Use API to consume data

ENDPOINT DEFINITION

GET <http://ts-api.datastreamx.com/2/9/v1>

[Java](#) [.Net](#) [PHP](#) [Ruby](#) [CURL](#) [Node](#) [Python](#)

```
DefaultHttpClient httpClient = new DefaultHttpClient();
HttpGet getRequest = new HttpGet("http://ts-api.datastreamx.com/2/9/v1");
getRequest.setHeader("DataStreamX-Data-Key", "4tUCqJg2UpjcOcx2jGvcaqaeQFrW7EU");
HttpResponse response = httpClient.execute(getRequest);
```


Direct Download


Directly download the historic or reference data set to your machine


VIA SDK

Direct Download

Download data in different formats

 [Download CSV](#)

 [Download XLS](#)

 [Download TEXT](#)

 [Download HTML](#)

 [Download PDF](#)