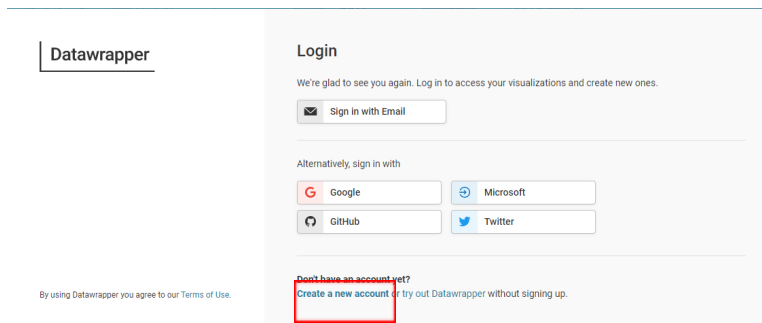
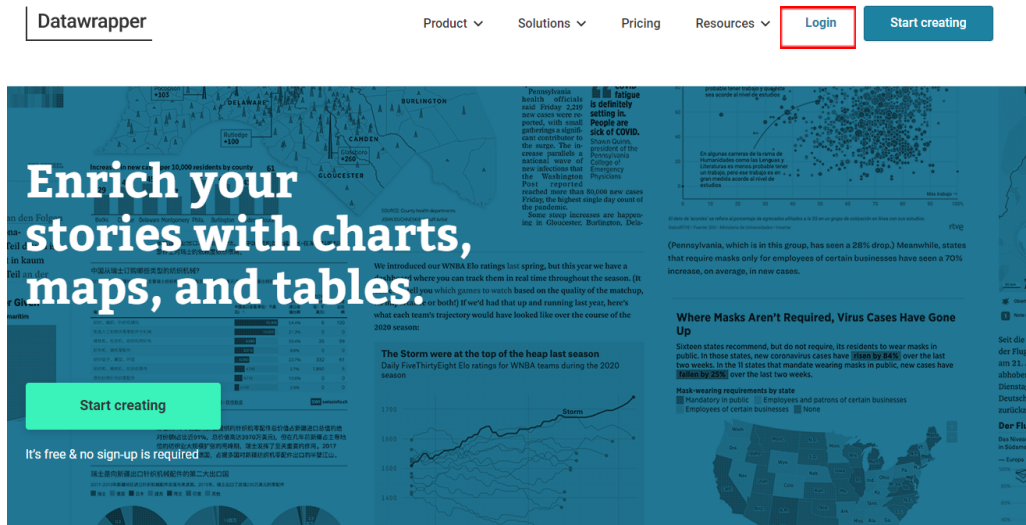


DESIGN&PITCH CHALLENGE

HOW TO USE DATAWRAPPER

Before You Begin

This tutorial will help you understand how to use [Datawrapper](#). Start by creating a free account. To do this, click on the login button at the top right of the page.



Once you have created an account, you will be able to save the data and representations you have created and return to them whenever needed.

Getting Started

Once you have signed in, you will be prompted to create your first chart.

Welcome to Datawrapper! Create your first chart

Create your first chart

Here are some resources that might help you getting started with Datawrapper:

- [A first tour through Datawrapper](#)
- [How to create a bar chart](#)
- [More tutorials and how-tos in our Academy](#)
- For inspiration for what to chart you can check out our [Weekly charts](#) and the [Datawrapper River](#).

After clicking on the button, you will be directed to a screen that looks similar to the one below. The first thing you need to do to create your representation is input data.

1 Upload Data 2 Check & Describe 3 Visualize 4 Publish & Embed

How do you want to upload your data?

Copy & paste data table XLS/CSV upload Connect Google Sheet Link external dataset

Copy & paste your data

Select your data (including header row/column) in Excel or LibreOffice and paste it in the text field. You can also upload a CSV or Excel file from your computer.

If you just want to try Datawrapper, here's a list of some example datasets you can use:

Select a sample dataset

Paste your copied data here...

Proceed >

Use the area in purple to copy and paste data from a webpage, table, or document

The area in orange allows you to upload an Excel or other CSV files

Use the area in blue to import your data from Google Sheets, by linking to the spreadsheet.

Once you have decided how you will import your data, click 'Proceed' to go to the next set of options.

DESIGN&PITCH CHALLENGE

HOW TO USE DATAWRAPPER

Check Your Data

The next screen allows you to examine the data to make sure that it appears how you expected. From this screen you can also add columns or transpose (switch the rows and columns) the data by using the buttons at the bottom right hand side of the screen. You can also click on the headers of each column to edit it's properties or omit that column from the visualization. Once you are satisfied with your data, click "Proceed".

Make sure the data looks right

Please make sure that Datawrapper interprets your data correctly. In the table, numbers in columns should be shown in blue, dates in green and text in black. A red cell indicates a problem in your dataset that needs to be fixed. Empty cells contain no data.

First row as label

Output locale

Defines decimal and thousand separators as well as translation of month and weekday names.

English (en-US)

Click on table header to edit column properties

Sort view by...

Search data table

	A	B	C	D	E
1	Quarter	iPhone	iPad	Mac	iPod
2	2000 Q3	--	--	1.1	--
3	2000 Q4	--	--	0.6	--
4	2001 Q1	--	--	0.7	--
5	2001 Q2	--	--	0.8	--
6	2001 Q3	--	--	0.8	--
7	2001 Q4	--	--	0.7	--
8	2002 Q1	--	--	0.8	--
9	2002 Q2	--	--	0.8	--
10	2002 Q3	--	--	0.7	--
11	2002 Q4	--	--	0.7	--
12	2003 Q1	--	--	0.7	--
13	2003 Q2	--	--	0.8	--
14	2003 Q3	--	--	0.8	0.3
15	2003 Q4	--	--	0.8	0.7
16	2004 Q1	--	--	0.7	0.8

Chart type **Refine** Annotate Layout

Bar Chart Stacked Bars Grouped Bars Split Bars

Bullet Bars Column Chart Stacked Column Chart Grouped Column Chart

Lines Area Chart Scatter Plot Table

Dot Plot Range Plot Arrow Plot Pie Chart

Donut Chart Multiple Pies Multiple Donuts Election Donut

[Insert title here]

Apple sales by product in shipped units, 2000 to 2017.

Apple stopped to report iPod sales at the end of 2014.

Source: Apple - Get the data - Created with Datawrapper

PREVIEW

Size (px) 600 400

Colorblind check

Dark Mode

Visualize Your Data

Choose how you want to represent your data. From here, you can make a title for your graph and use the Refine, Annotate, and Layout tabs to change the color and style of your graph. Once you are satisfied with your graphic, click "Proceed".

Wrapping Up

To export your image, click "Publish now". Then you will be provided with a link to your graphic or the option to download a PNG file.

For a more detailed tutorial of each of the graphs you can visit the [Datawrapper academy](#).

Here you will find videos and articles on how to further customize your representations.

Publish visualization

Your visualization is **not published**.

You'll need to **publish** this visualization before **embedding** it on your website or **sharing** it on social media.

Your published visualization will still only be visible to people who know its URL. **We won't share it publicly.**

Export or duplicate visualization

You can **duplicate** it to start editing a copy of the visualization. Or export it into other formats.

Apple Product Sales

