



Simple code to solve complex problems.  
**Try F# helps you easily learn the F# language, create programs, and share code—all through your browser.**

### What you can learn

F# is ideal for analytical, data-rich, concurrent and algorithmic development, while helping bring the web of data to your fingertips through type providers. It's a simple and pragmatic programming language combining functional, object-oriented and scripting programming, and it supports cross-platform environments including PC, Mac, and Linux.

With Try F#, you'll learn what you need to know to start using F# for your applications, as well as how the unique capabilities of F# can best work for you.

### Why Try F#?

- In just a few minutes you can begin learning F#—no registration, log-ins, or forms are required.
- You can work over a wide range of platforms directly in your browser.
- Try F# is geared to areas of focus such as data science, statistics, advanced computing, visualization, and machine learning.
- Begin experiencing Try F# as the data console for the web for big data via its type providers
- It contains tutorials to help you quickly get up to speed with the relevant information and programming methods you'll need most.
- You can create, open, and share your files directly from the site.
- Click the share button to share on facebook or twitter or copy your file's URL and email it to your friends.

Learn, Create, and Share with Try F#  
today: [tryfsharp.org](http://tryfsharp.org)

Learn



Learn key F# principles in just a few minutes to work on your favorite topics

Create



Create, edit, and run your F# code right in the browser

Share



Share F# snippets or sample packs easily through the browser

# Learn

F# is a recent addition to the universe of programming languages that has gained a fast-growing body of users. Here are some of the tutorials you'll find with Try F#:

<p><b>Getting Started in F#</b> </p> <p>Learn the fundamentals and explore the power of F# programming</p>	<p><b>Data Science</b> </p> <p>Learn what you need to know to start using F# for your data science applications. Topics covered: working with numbers, statistical calculations, and machine learning via K-means clustering.</p>
<p><b>Advanced F# Programming</b> </p> <p>Go beyond the basics and learn how to extend the language by defining your own custom operators, use active patterns to customize the F# pattern matching syntax, and much more.</p>	<p><b>Scientific and Numerical Computing</b> </p> <p>Learn about basic scientific and numerical computing in F#, write correct code with types as you develop your applications, experience F# unique handling of units of measures and more.</p>
<p><b>Visualization and Charting</b> </p> <p>Learn how to create basic visualizations, how to select and filter data effectively—and how to create charts that can handle more complex data.</p>	<p><b>Financial Computing</b> </p> <p>See how F# can help you with introductory financial programming. Topics covered: numerical calculations, the Yahoo Finance type provider, modeling European options and derivatives, and more.</p>

“The Try F# interactive tutorials help our MSc Financial Computing students harness the power and elegance of F# for writing complex algorithmic code, which is vital in the financial industry. We’re delighted with Try F# and how it enables students to get up to speed quickly.”

Antoaneta Serguieva  
Senior Teaching Fellow, Admissions Tutor for MSc Financial Computing, Department of Computer Science, University College London

# Create

Once you’ve explored the Try F# tutorials, you can start coding within Try F#. This new feature allows you to write your F# code directly from the browser and save it to the cloud.



“F# type providers allow access to the many Open Data resources available on the World Wide Web. As the Web of data grows, Try F# becomes an invaluable tool in accessing, integrating, visualizing and sharing data analytics allowing developers to build and share code and solutions in a modern and Web-friendly way.”

Professor James A. Hendler  
Head, Department of Computer Science, Rensselaer Polytechnic Institute

# Share

You can share the code you create right from the site via Twitter or Facebook—or simply copy the link to your favorite Try F# script file to share with others.

When people click a link you share, they are taken directly to the Try F# Create experience with your code preloaded into the editor.

Learn, Create, and Share with Try F# today: [tryfsharp.org](http://tryfsharp.org)

