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
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#:

- **Getting Started in F#**
  Learn the fundamentals and explore the power of F# programming

- **Advanced F# Programming**
  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.

- **Visualization and Charting**
  Learn how to create basic visualizations, how to select and filter data effectively—and how to create charts that can handle more complex data.

- **Data Science**
  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.

- **Scientific and Numerical Computing**
  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.

- **Financial Computing**
  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.

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.

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

“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

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