

# Unit 1: Intro to FinTech

## Helpful Links

- [Git/Github](#)
  - [Visual Git Guide](#)
- 

## FAQs

Where can I get started with learning Git?

Start with our pre-work, which has two modules with video tutorials and activities that can help out with the foundations of working with Git: [Bootcamp Pre-work](#)

Conveniently, GitHub has their own set of guides to help break down how to use the program: [GitHub Guides](#)

Additionally, if you find videos helpful in your learning process, this is roughly an hour of video designed to cover the fundamentals of Git and GitHub: [No Nonsense Github Videos](#)

Finally, we have a handy visual Git reference guide located here: [Visual Git Reference](#)

Where can I get a simple, yet comprehensive beginner summary for Markdown?

Right here! Try this [Markdown Guide](#)!

How does the instructor execute computer commands so quickly?

The answer is simple - keyboard shortcuts. You may not have needed them before - but in coding, they'll be one of your new best friends. Check out these [keyboard shortcut cheatsheets](#) to help you get started:

[Mac](#)

[Windows](#)

Why do I need a virtual environment?

Virtual environments can be compared to different user profiles on one computer. You might share a computer in your home with your family, but you might not have the same programs installed as your 5 year old son, or the same bookmarked pages as your teenaged daughter. When you are ready to use the computer, you simply log in and all your personal settings are there waiting for you.

In a similar way, virtual environments create a personalized space for your project within your computer. For example, you might be working on a project with your group during project week that needs certain packages that you don't typically need in the everyday course of class. You also notice that one of the

necessary packages doesn't work with your version of Python and you need a downgraded version. You would create a virtual environment to download only the packages needed for the project and could set that virtual environment to run the needed version of Python. Because of your virtual environment you won't need to downgrade your Python package across the board, but only for the project you need it for.

Another important reason for using virtual environments is for deployment purposes. If you have an application you wish to deploy, you wouldn't want unneeded code packages installed with it. This will slow down the application and cause deployment errors. Having a virtual environment will self contain only what is needed for the application.

Where can I find out more about FinTech and stay up to date on FinTech news?

As with most topics, there are numerous resources for gaining more information and all are just a Google search away! But to get you started on your journey, here are a few web resources that we like:

FinTech Weekly

TechCrunch

Coin Telegraph

FinTech Futures

IT World Canada

Digital Finance Institute

Canadian FinTech Market Map

Status of The Canadian FinTech Landscape (CFA Montréal)

FinTech Study (Competition Bureau Canada)

Toronto Finance International FinTech Strategy

FinTech Canada Conference

Canadian FinTech & AI Awards

The Canada FinTech Forum

Canadian FinTech Summit

---

© 2020 Trilogy Education Services, a 2U, Inc. brand. All Rights Reserved.