Week 3 DATA SCIENTIST’S TOOLBOK

Version Control

We looked at what Git and GitHub are and then covered much of

the commonly used and sometimes confusing vocabulary inherent to version control work.

We then quickly went over some best practices to using Git,

but the best way to get a hang of this all is to use it.

GitHub and Git

In this lesson, we signed up for a GitHub account and toured the GitHub website.

We made your first repository and filled in some basic profile information on GitHub.

Following this, we installed Git on your computer and

configured it for compatibility with GitHub and RStudio.

Linking GitHub and RStudio

In this lesson, **we linked Git and RStudio** so that

RStudio recognizes you are using it as your version control software.

Following that, **we linked RStudio to GitHub**

so that you can push and pull repositories from within RStudio.

To test this, we **created a repository on GitHub,**

**linked it with a new project within RStudio,**

created a new file and then **staged,**

committed and pushed the file to your GitHub repository.

Projects Under Version Control

In this lesson, we went over **how to convert**

**an existing project to be under Git version control using the command line**.

Following this, we **linked**

your newly version controlled **project to GitHub**

using a mix of GitHub commands in the command line.

We then briefly recap **how to clone**

**an existing GitHub repository** to your local machine using RStudio.

--INITIALIZE REPOSITORY WITH A README ONLY IF:

This will let you immediately clone the repository to your computer.

Skip this step if you’re importing an existing repository.