



Python para Ciência de Dados

Aula 05

SENAI CETIQT

SENAI



Currículo: Profa. Edileusa de Estefani do Prado

FORMAÇÃO:

- ☐ Mestranda em Métodos Quantitativos - FEA/USP - 2019-2022.
- ☐ MBA em Analytics - Big Data - FIA - 2015/2016 - Turma 1.
- ☐ Disciplina de Banco de dados avançados - UNICAMP - 2005.
- ☐ Pós-Graduação em Consultoria em Internet - FASP - 2000/2001.
- ☐ Graduação em Ciências da Computação - UNESP - 1989/1993.

QUALIFICAÇÕES:

- ☐ Experiência profissional de 26 anos no mercado, tendo atuado como Data Scientist, DW DBA, BI, ETL, AD e Analista de Sistemas em empresas: Banco Itaú, Equifax do Brasil, Banco ABN Amro, IBM, Serasa Experian, Unisys Brasil, e outras.
- ☐ Professora dos cursos de MBA e Pós-Graduação em Analytics e Big Data pela FIA.
- ☐ Professora do curso de Pós-Graduação em Big Data pelo Senac - SJRP - SP.
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CONTATO:

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Agenda

1. Git e GitHub
2. Pandas e demais bibliotecas e um pouco de DW
3. Google Colab
4. Miscelâneas.
5. Referências.





git



Git and GitHub



git



GitHub

Git e GitHub é a mesma coisa?



git

github
SOCIAL CODING

Git and GitHub



Então o que é Git e o que é GitHub?

Git é:

- ☐ um **sistema de controle de versão** distribuído gratuito e aberto;
- ☐ uma **ferramenta para gerenciar seu histórico de código-fonte**.

O GitHub é:

- ☐ uma **plataforma de hospedagem de código para controle de versão** e colaboração.
- ☐ ele permite que você e outras pessoas trabalhem juntos em projetos de qualquer lugar.

Git and GitHub



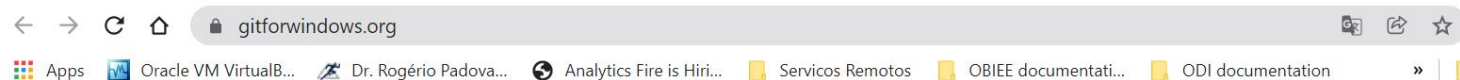
Chega de papo!

Como eu faço para usar o Git e acessar o GitHub?

Vamos baixar e instalar o Git p/ Windows, por meio do seguinte Link:

[o Git para Windows.](#)

Git and GitHub



git for windows

[FAQ](#) [REPOSITORY](#) [MAILING LIST](#)

VERSION 2.35.1.2



We bring the
awesome **Git** SCM
to Windows

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Contribute

Git and GitHub



Git 2.35.1.2 Setup



Information

Please read the following important information before continuing.

When you are ready to continue with Setup, click Next.

DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING,
REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR
AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY
OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE
PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,
INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA
BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR
THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH
ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS
BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

<https://gitforwindows.org/>

☒ Only show new options

Next

Cancel

Git and GitHub



Git 2.35.1.2 Setup

Select Components

Which components should be installed?

Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

- ☒ Additional icons
 - ☒ On the Desktop
- ☒ Windows Explorer integration
- ☒ Git Bash Here
- ☒ Git GUI Here
- ☒ Git LFS (Large File Support)
- ☒ Associate .git* configuration files with the default text editor
- ☒ Associate .sh files to be run with Bash
- ☐ Check daily for Git for Windows updates
- ☐ (NEW!) Add a Git Bash Profile to Windows Terminal

Current selection requires at least 263,9 MB of disk space.

<https://gitforwindows.org/>

☒ Only show new options

Back Next Cancel

Marque as opções adicionais em relação a instalação default.

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Git 2.35.1.2 Setup

Adjusting the name of the initial branch in new repositories
What would you like Git to name the initial branch after "git init"?

☒ **Let Git decide**

Let Git use its default branch name (currently: "master") for the initial branch in newly created repositories. The Git project [intends](#) to change this default to a more inclusive name in the near future.

☐ **Override the default branch name for new repositories**

NEW! Many teams already renamed their default branches; common choices are "main", "trunk" and "development". Specify the name "git init" should use for the initial branch:

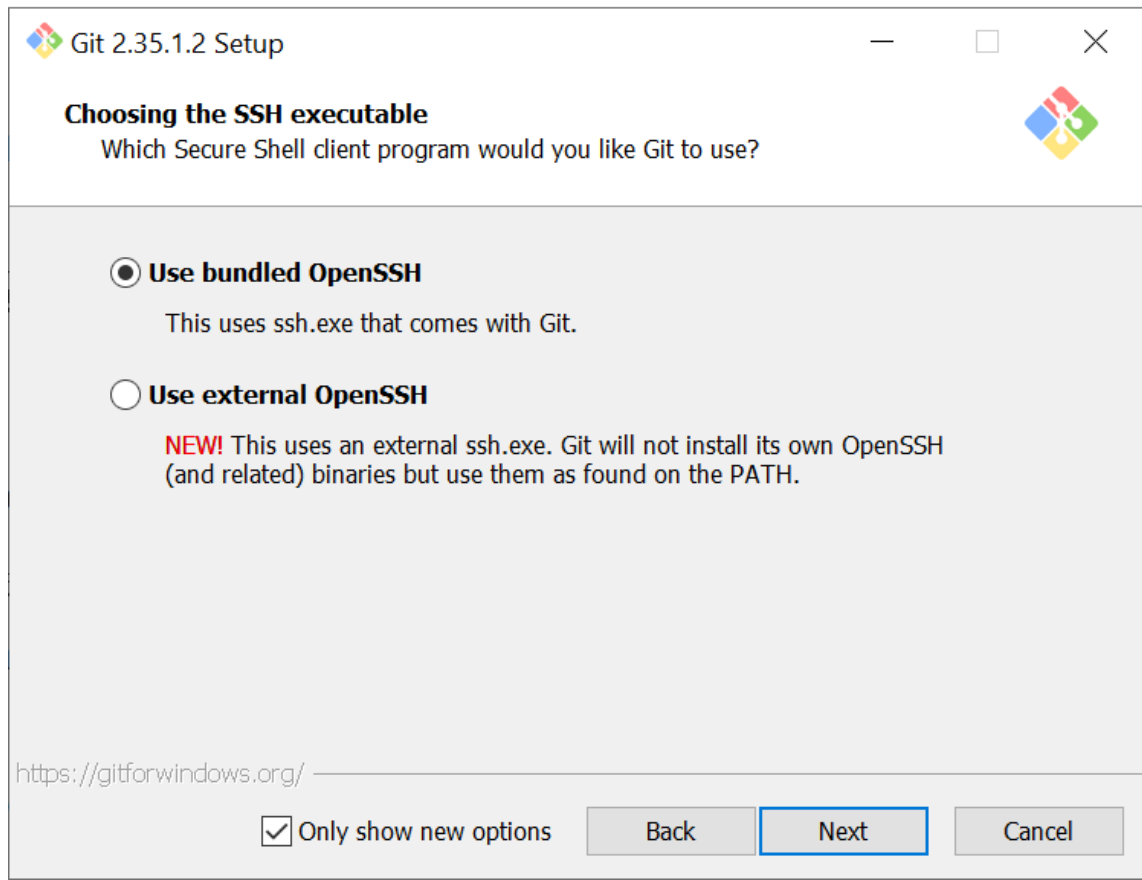
This setting does not affect existing repositories.

<https://gitforwindows.org/>

☒ Only show new options

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Git and GitHub



Git 2.35.1.2 Setup

Choose the default behavior of `git pull`
What should `git pull` do by default?

☒ **Default (fast-forward or merge)**
This is the standard behavior of `git pull`: fast-forward the current branch to the fetched branch when possible, otherwise create a merge commit.

☐ **Rebase**
Rebase the current branch onto the fetched branch. If there are no local commits to rebase, this is equivalent to a fast-forward.

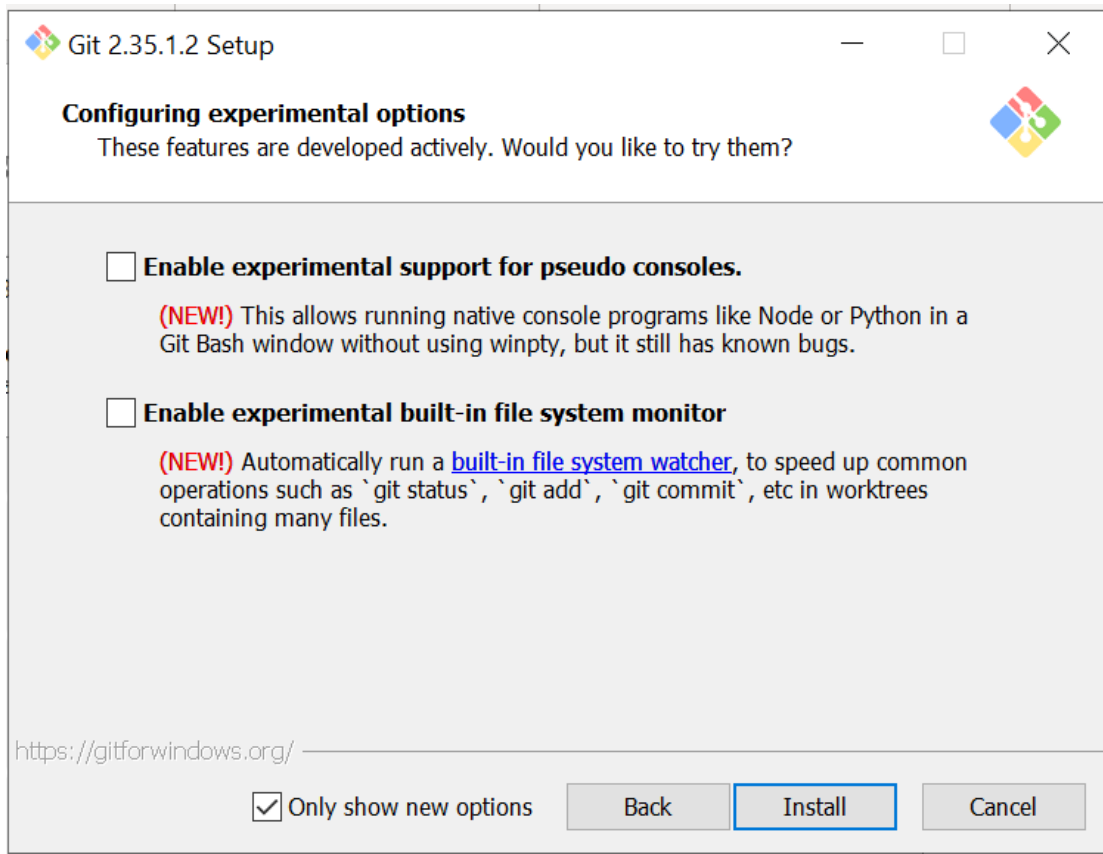
☐ **Only ever fast-forward**
Fast-forward to the fetched branch. Fail if that is not possible.

<https://gitforwindows.org/>

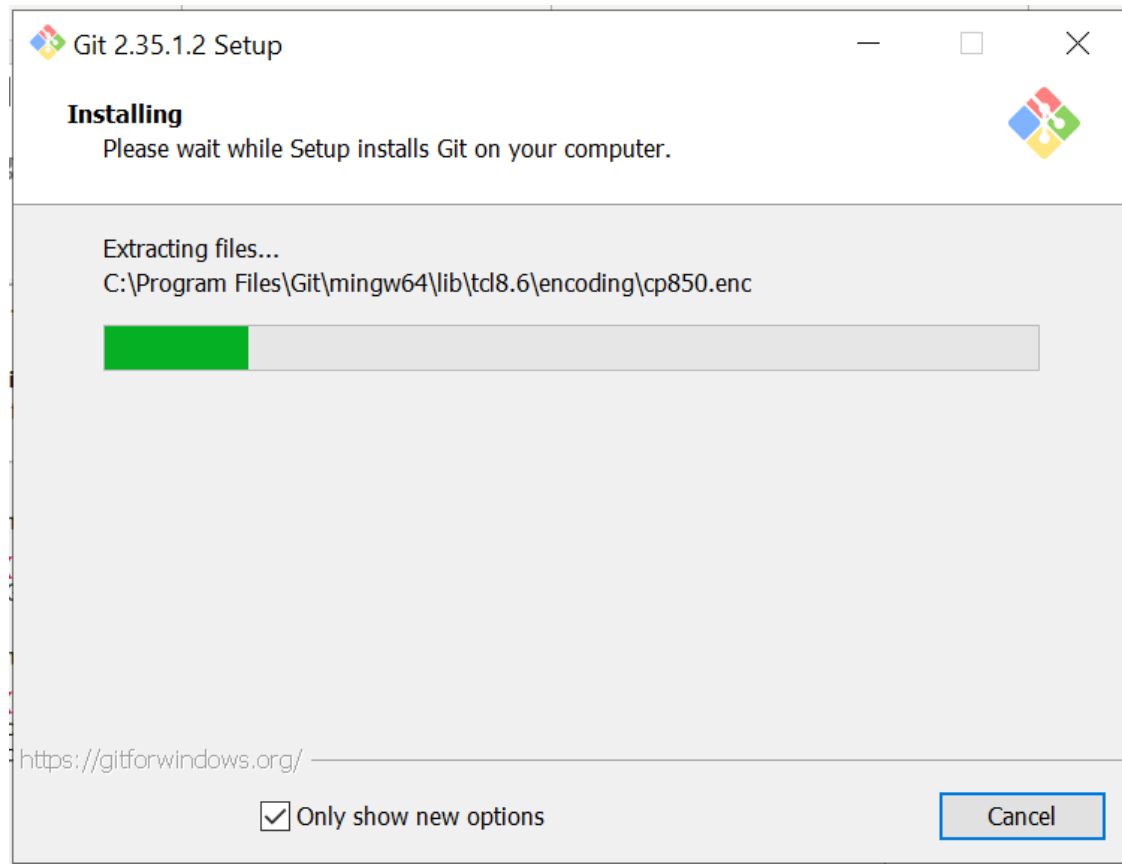
☒ Only show new options

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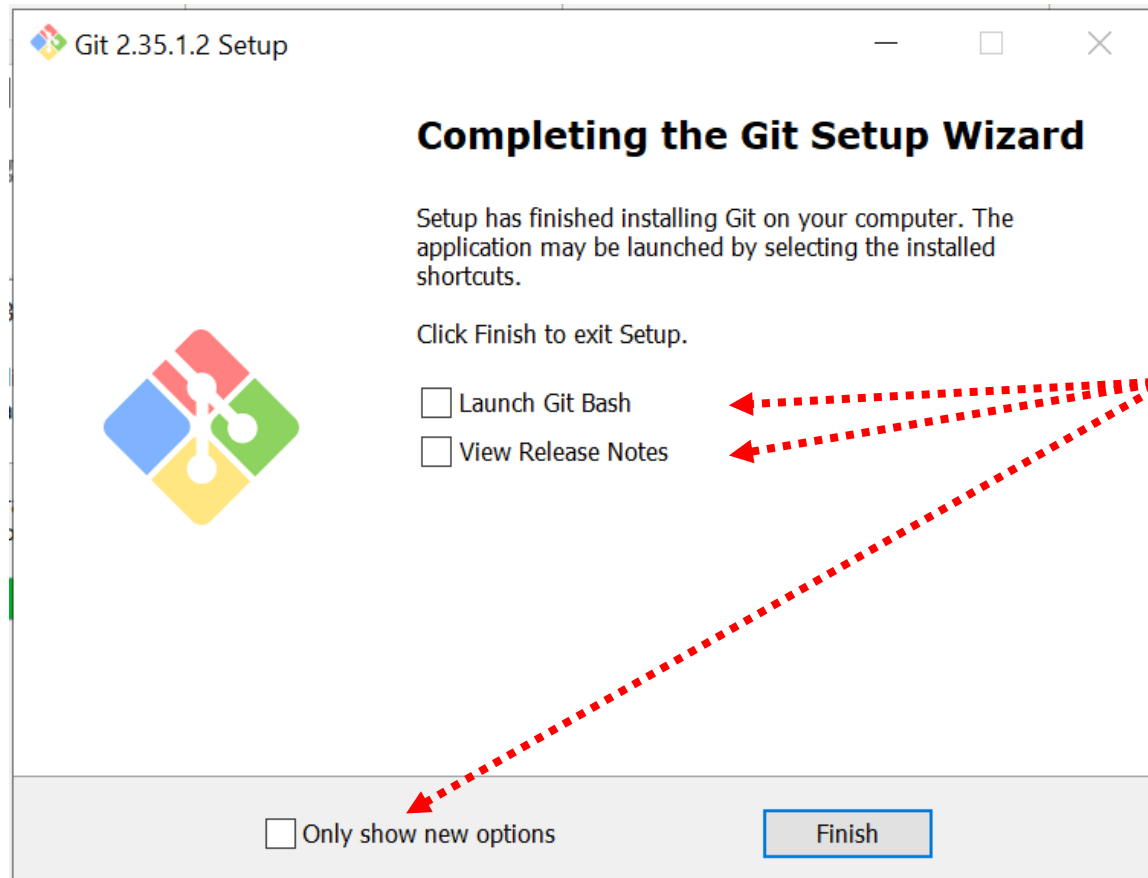
Git and GitHub



Git and GitHub



Git and GitHub



Desmarcar as opções
ao lado.

Git and GitHub



Criar uma conta no GitHub

Crie uma [conta gratuita no GitHub.com](https://github.com)