

Instituto Tecnológico de Tijuana
Ingeniería en Sistemas Computacionales



Práctica:

Práctica Git Flow

Materia: Minería de Datos

Unidad: Unidad I

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Fecha:

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Git Flow Practice

1. Create an account on github.com



Create your account

Username *

 ✓

Email address *

 ✓

Password *

 ✓

Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter.
[Learn more.](#)

Email preferences

Send me occasional product updates, announcements, and offers.

Search or jump to...

Pull requests Issues Marketplace Explore

Overview Repositories Projects Packages

Popular repositories

You don't have any public repositories yet.

1 contribution in the last year

Contribution settings ▾

Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mon												
Wed												█
Fri												

Less ████ More ████

Learn how we count contributions.

This is your **contribution graph**. Your first █ is for joining GitHub and you'll earn more as you make [additional contributions](#). More contributions means a darker green square for that day. Over time, your chart might start looking [something like this](#).

We have a quick guide that will show you how to create your first repository and earn more green squares!

Read the Hello World guide

2. Configure your github account with SSH key, so as not to put our username and password every time

- **User Creation**

```
$ git config --global user.name "Juan Negrete"
```

- **Mail in Git**

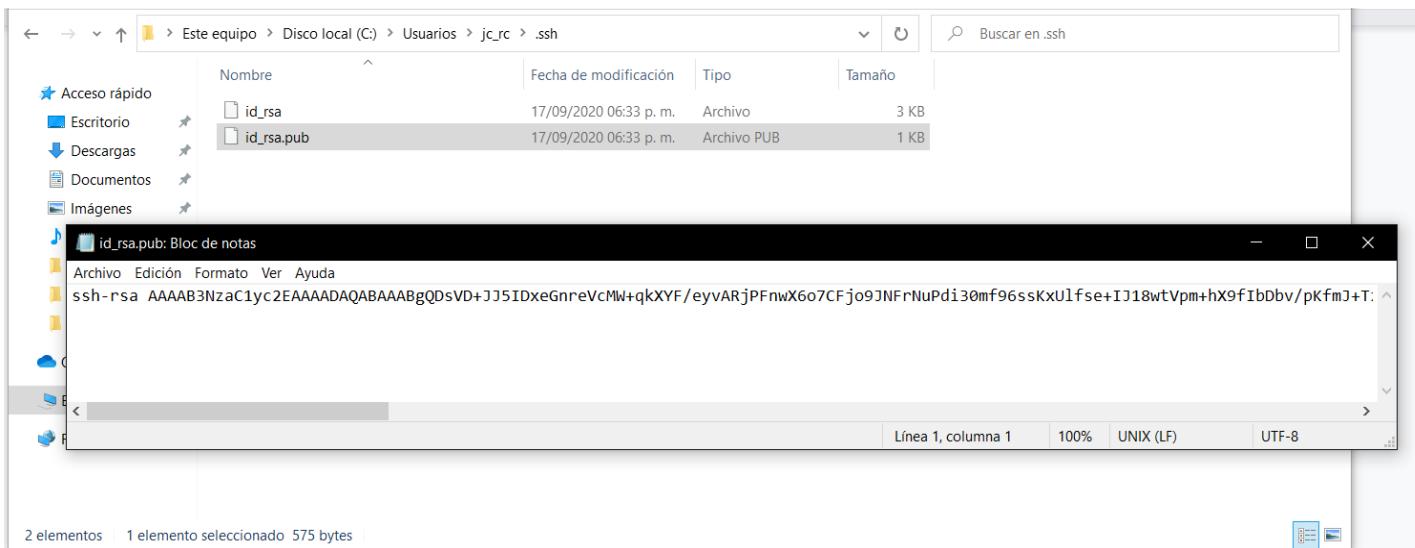
```
$git config --global user.email "john.carlos.116@gmail.com"
```

- **We generate SSH key**

```
$ ssh -v
```

```
$ ssh-keygen
```

- **Access the path of the .ssh folder, open the file "id_rsa.pub" and copy the text**



- Paste the text in the SSH KEYS section and in New Key

SSH keys / Add new

Title

Key

Begins with 'ssh-rsa', 'ssh-ed25519', 'ecdsa-sha2-nistp256', 'ecdsa-sha2-nistp384', or 'ecdsa-sha2-nistp521'

Add SSH key

- The key is created successfully.

 JuanCarlos-Negre... Personal settings
Profile
Account
Account security
Security log
Security & analysis
Emails

SSH keys

New SSH key

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.



Llave

MD5:50:5e:91:87:ca:cd:11:e3:57:e5:1e:d8:08:90:13:ad

SHA256:DB7jocdZIxvvvnQjYeJ1D1pHQZ0DWkT7gqqYUKEadvo

SSH

Added on 17 Sep 2020

Never used — Read/write

Delete

Check out our guide to [generating SSH keys](#) or troubleshoot common SSH Problems.

3. Create a new repository called `pratica_git_flow`

- We assign a name to the repository

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner * Repository name *

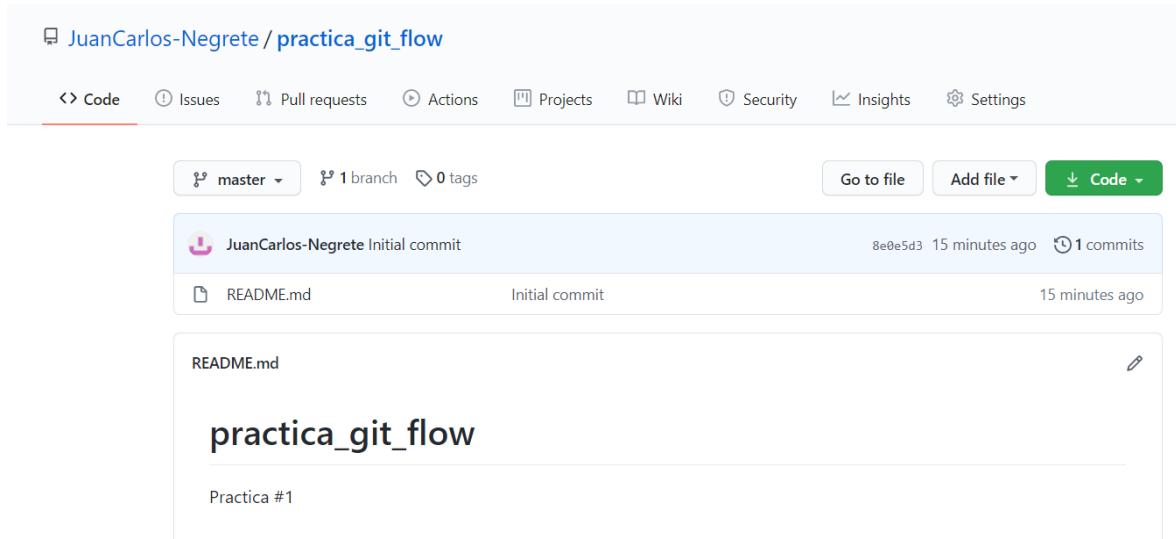
JuanCarlos-Negrete / practica_git_flow ✓

Great repository names are short and memorable. Need inspiration? How about [stunning-pancake](#)?

Description (optional)

Practica #1

- Was created successfully



4. Create a default README.md

Initialize this repository with:

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

Add a README file

This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

Choose which files not to track from a list of templates. [Learn more.](#)

Choose a license

A license tells others what they can and can't do with your code. [Learn more.](#)

This will set `master` as the default branch. Change the default name in your [settings](#).

[Create repository](#)

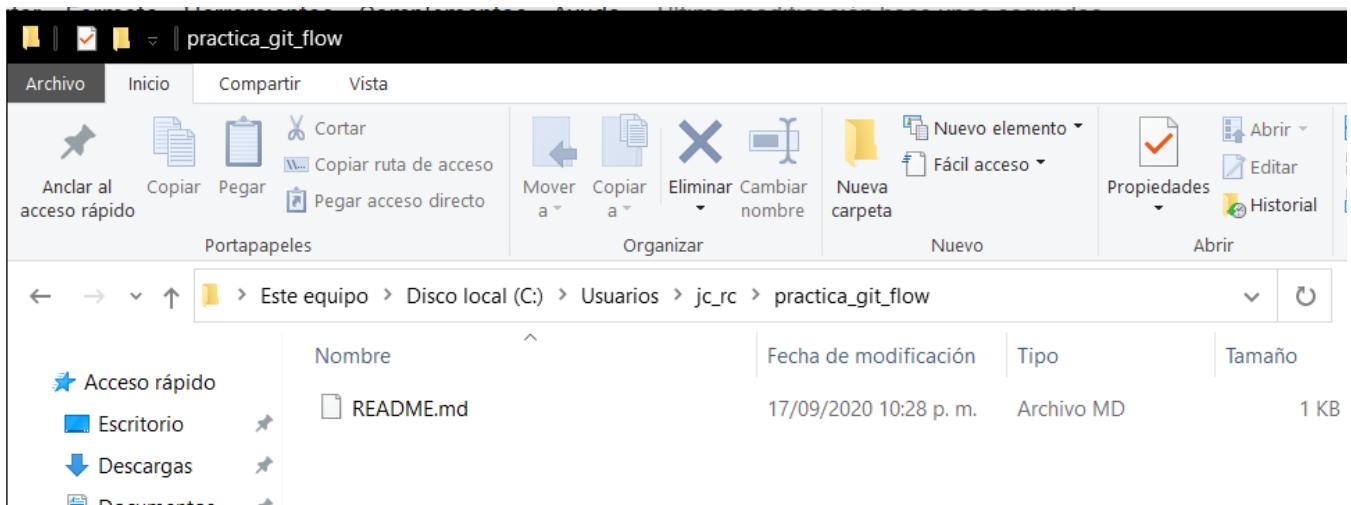
5. Clone our PC

- We copy the link of the repository (as SSH) to execute it in GIT BASH of our PC

The screenshot shows a GitHub repository page for 'JuanCarlos-Negrete/practica_git_flow'. The repository has 1 branch and 0 tags. A context menu is open over the repository name, with 'Clone' selected. The 'SSH' tab is highlighted. The URL 'git@github.com:JuanCarlos-Negrete/practica_git_flow.git' is displayed. Other options in the menu include 'HTTPS', 'GitHub CLI', 'Use a password-protected SSH key.', 'Open with GitHub Desktop', and 'Download ZIP'.

```
git clone git@github.com:JuanCarlos-Negrete/practica_git_flow.git
```

It was successfully cloned



6. Create a branch called development and make this branch the main one, this means that it will not be master

The screenshot shows a GitHub repository interface. At the top, there are tabs for 'Overview', 'Yours', 'Active', 'Stale', and 'All branches'. A search bar on the right says 'Search branches...'. Below these, there are three sections: 'Default branch' (set to 'master'), 'Your branches' (listing 'development'), and 'Active branches' (also listing 'development'). Each branch entry includes the last commit message ('Updated 31 minutes ago by JuanCarlos-Negrete') and a 'Change default branch' button.

Default branch

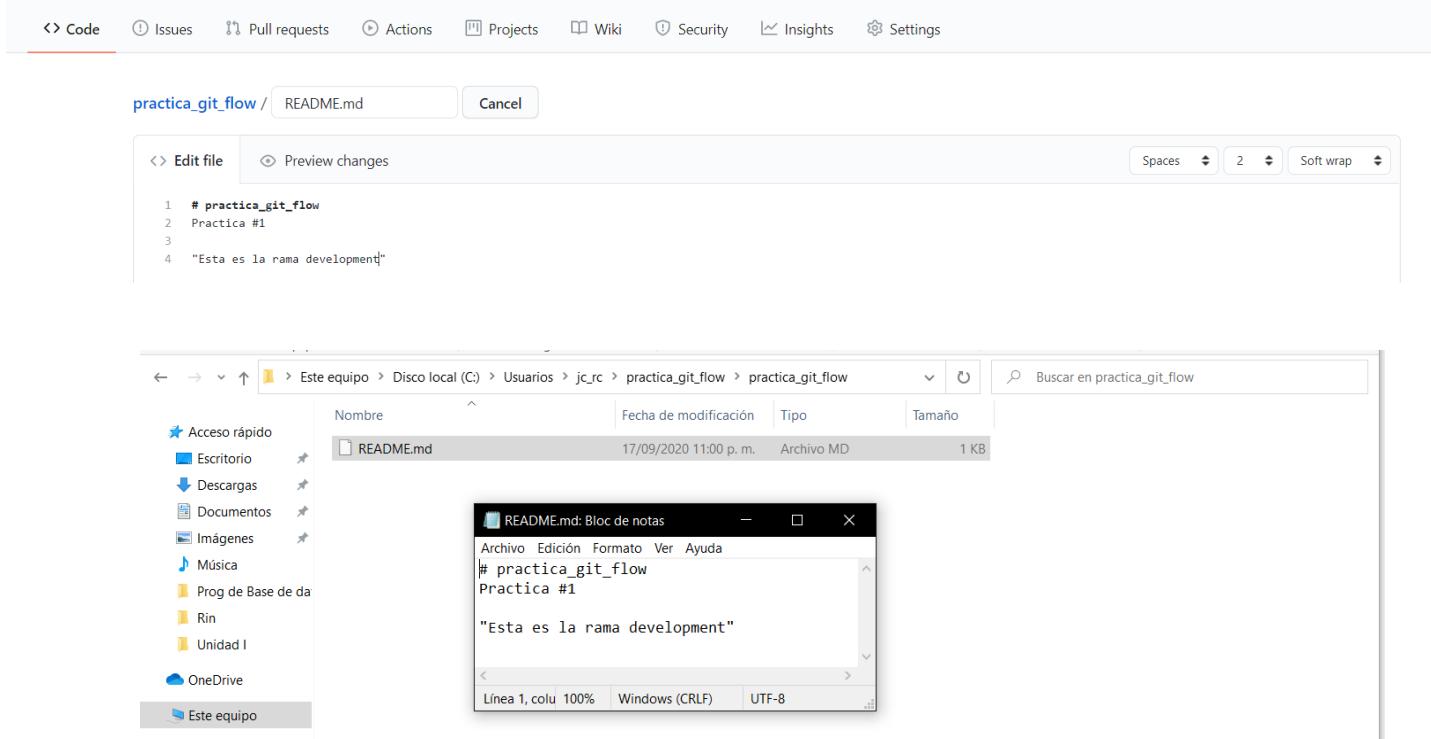
The default branch is considered the "base" branch in your repository, against which all pull requests and code commits are automatically made, unless you specify a different branch.

A modal dialog titled 'Switch default branch' is shown. It has a 'Filter branches' input field and a list of branches. The 'development' branch is selected and highlighted in blue, while 'master' is checked below it. A note on the right side of the list says: 'Pushing to this branch will prevent force-pushing, prevent branches from being deleted, and optionally require status checks before more.'

JuanCarlos-Negrete / practica_git_flow

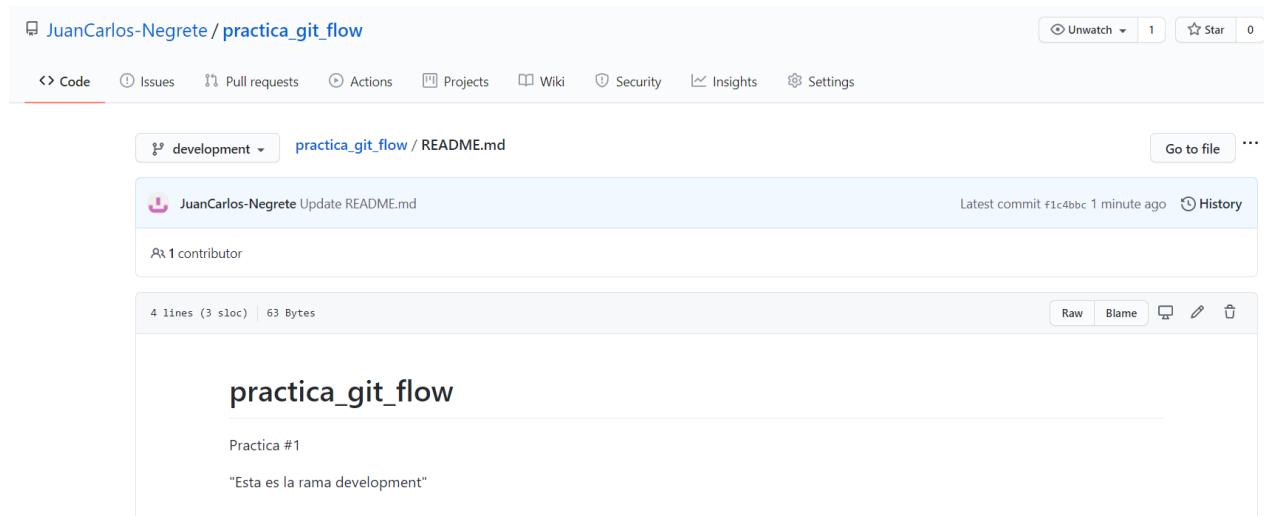
The screenshot shows a GitHub repository for 'JuanCarlos-Negrete / practica_git_flow'. The 'Code' tab is active. At the top, it says 'development' (selected), '2 branches', and '0 tags'. There are buttons for 'Go to file', 'Add file', and 'Code'. A dropdown menu for 'Switch branches/tags' is open, showing a search bar 'Find or create a branch...' and a list of branches: 'development' (selected and marked as 'default') and 'master'. The commit history shows an 'Initial commit' with hash '8e0e5d3' and '1 hour ago'. The commit count is '1 commits'.

7. Make a change in the development branch in the README.md file could be "This is the development branch"



8. Make a commit in the development branch

```
$ git add README.md
$ git commit -a
```



9. Push the development branch

```
$ git push
```

JuanCarlos-Negrete / practica_git_flow

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

development 2 branches 0 tags Go to file Add file Code

JuanCarlos-Negrete Mi primer commit c028a2e 7 minutes ago 3 commits

README.md Mi primer commit 7 minutes ago

README.md

practica_git_flow

Practica #1

"Esta es la rama development" 0w0

10. Create a branch called features

```
$ git branch features
$ git show-branch
$ git checkout features
```

11. Make a change in the features branch in the README.md file it can be "This is the features branch"

```
$ git add Readme.md
$ git commit -a

--Se hizo cambio con éxito

$ git push
```

12. Make the commit on this branch.

```
$ git checkout features  
$ git commit -a  
$ git push
```

13. Do the push and verify that the change is in the repository

The screenshot shows a GitHub repository page for 'JuanCarlos-Negrete / practica_git_flow'. The 'Code' tab is selected. A commit titled 'JuanCarlos-Negrete Update README.md' is visible, showing the addition of three lines of text to the README file. The commit message includes the text: 'Practica #1' and '"Esta es la rama features" 0w0'.

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

features → practica_git_flow / README.md Go to file ...

JuanCarlos-Negrete Update README.md Latest commit 678fe40 now History

1 contributor

4 lines (3 sloc) | 64 Bytes Raw Blame

practica_git_flow

Practica #1
"Esta es la rama features" 0w0

Project link:

https://github.com/JuanCarlos-Negrete/practica_git_flow.git