

1. Install Git

Git is essential for version control. Install it on your machine:

- **Windows:** Download from git-scm.com and follow the installer steps.
- **Mac:** Run the following command in your terminal:

```
brew install git
```

- **Linux:** Use the appropriate package manager for your distribution:

```
sudo apt-get install git # For Ubuntu/Debian
```

Once installed, verify with:

```
git --version
```

#Setup Git:

Set up your username and email:

```
git config --global user.name "Your Name"  
git config --global user.email "your.email@example.com"
```

2. Install VS Code

1. Download VS Code from the [official website](#).
2. Follow the instructions to install it for your OS.

3. Install Quarto

Quarto is used for creating high-quality, reproducible documents. Install Quarto by following these steps:

1. Download Quarto from the [official site](#).
2. Install Quarto following your OS-specific instructions:
 - **Windows/Mac:** Run the installer package.

4. Setup VS Code extensions

Open VS Code and install some extensions for a better Markdown and Quarto experience: - **GitLens** (for Git integration). - **Git Graph** (for easy commits). - **Markdown All in One** (for enhanced Markdown editing and live preview). - **Quarto** (for Quarto-specific support).

5. Initialize a Git Repository

1. Create a folder
2. In vscode in `file->open folder` select your folder.
3. Open terminal with `ctrl+j` or `cmd+j`
4. Clone branch with command: `git clone -b BI_numpyyro https://github.com/BGN-for-ASNA/BI.git`
5. Documentation is in `Documentation` folder

6. Editing

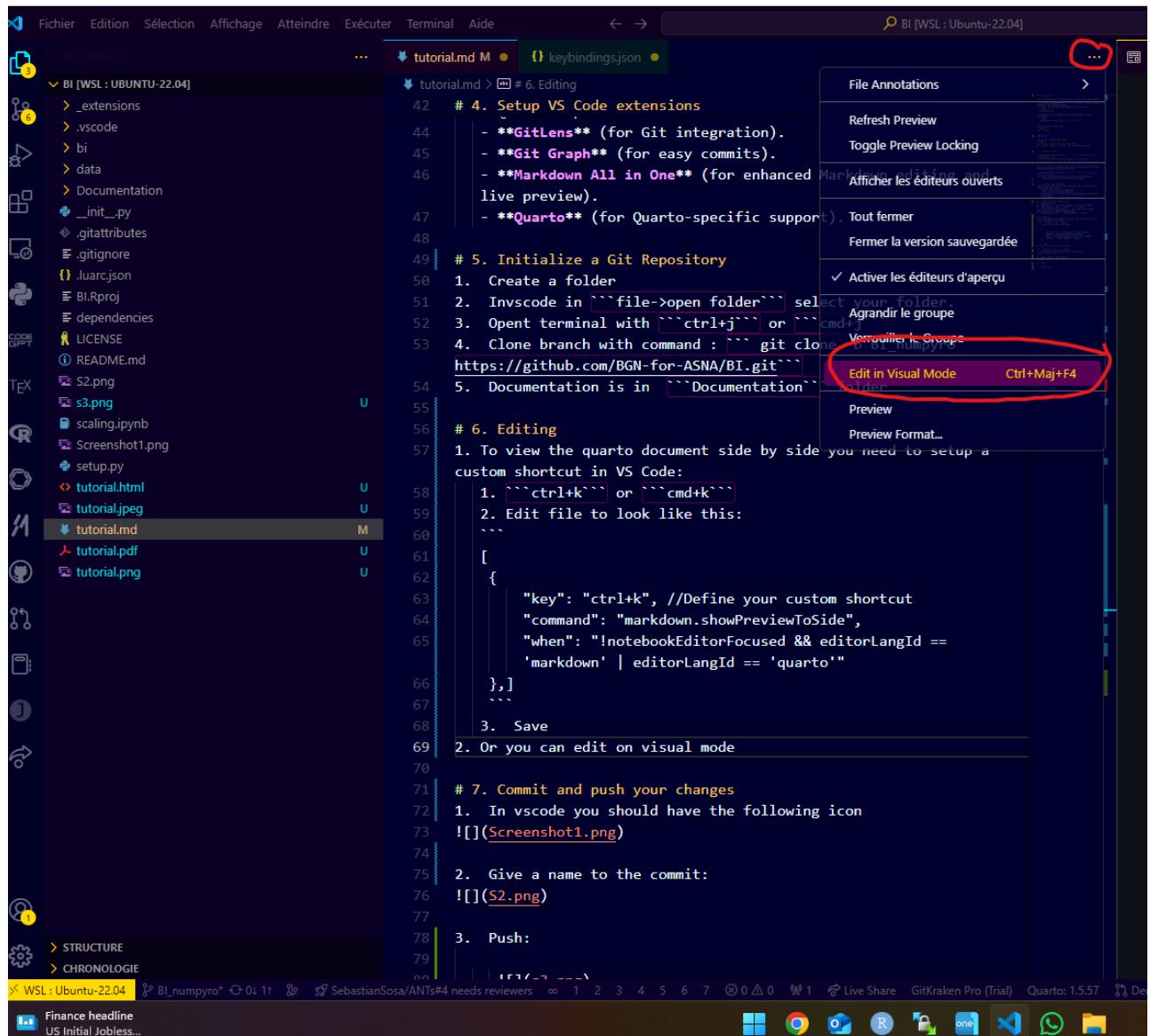
1. To view the Quarto document side by side, you need to set up a custom shortcut in VS Code::

1. `ctrl+k` or `cmd+k`
 2. Edit the file to look like this:

```
[  
 {  
   "key": "ctrl+k", //Define your custom shortcut  
   "command": "markdown.showPreviewToSide",  
   "when": "!notebookEditorFocused && editorLangId == 'markdown' |  
editorLangId == 'quarto'"  
 },]
```

3. Save

2. Or you can edit in visual mode: 1



The screenshot shows the VS Code interface with a file named 'tutorial.md' open. A context menu is displayed on the right side of the screen, specifically for the 'Edit in Visual Mode' option, which is highlighted with a red circle. The menu also includes other options like 'Preview' and 'Preview Format...'. The code editor shows a list of steps for setting up a Quarto document.

```

42 # 4. Setup VS Code extensions
43 - **GitLens** (for Git integration).
44 - **Git Graph** (for easy commits).
45 - **Markdown All in One** (for enhanced live preview).
46 - **Quarto** (for Quarto-specific support)
47
48 # 5. Initialize a Git Repository
49 1. Create a folder
50 2. In vscode in ```file->open folder``` select your folder.
51 3. Open terminal with ```ctrl+j``` or ```cmd+f```
52 4. Clone branch with command : ```git clone https://github.com/BGN-for-ASNA/BI.git```
53
54 5. Documentation is in ```Documentation```
55
56 # 6. Editing
57 1. To view the quarto document side by side you need to setup a custom shortcut in VS Code:
58 1. ```ctrl+k``` or ```cmd+k```
59 2. Edit file to look like this:
60 ...
61 [
62 {
63   "key": "ctrl+k", //Define your custom shortcut
64   "command": "markdown.showPreviewToSide",
65   "when": "!notebookEditorFocused && editorLangId == 'markdown' | editorLangId == 'quarto'"
66 },
67 ...
68
69 3. Save
70
71 2. Or you can edit on visual mode
72
73 # 7. Commit and push your changes
74 1. In vscode you should have the following icon
75 
76
77 2. Give a name to the commit:
78 
79
80 3. Push:

```

Code Block

Outline

1. Install Git
2. Install VS Code
3. Install Quarto
4. Setup VS Code extensions
5. Initialize a Git Repository
6. Editing
7. Commit and push your changes

1. Install Git

Git is essential for version control. Install it on your machine:

- Windows:** Download from git-scm.com and follow the installer steps.
- Mac:** Run the following command in your terminal:

```
brew install git
```

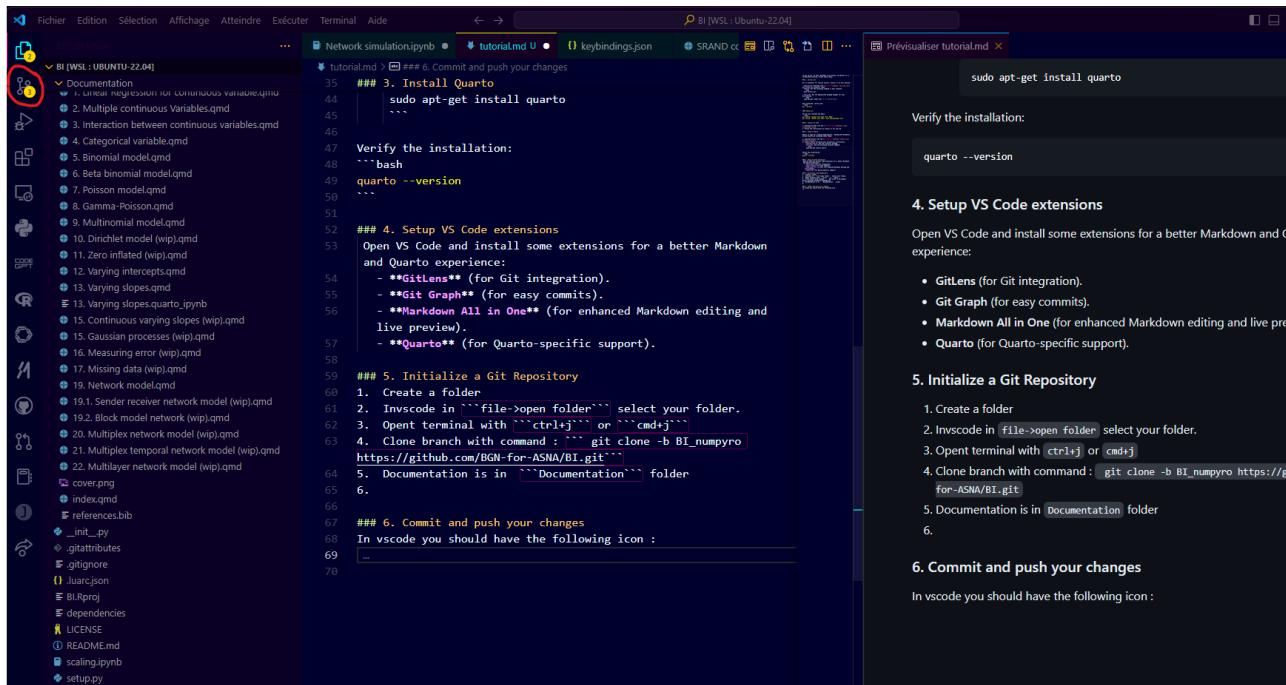
- Linux:** Use the appropriate package manager for your distribution:

```
sudo apt-get install git # For Ubuntu/Debian
```

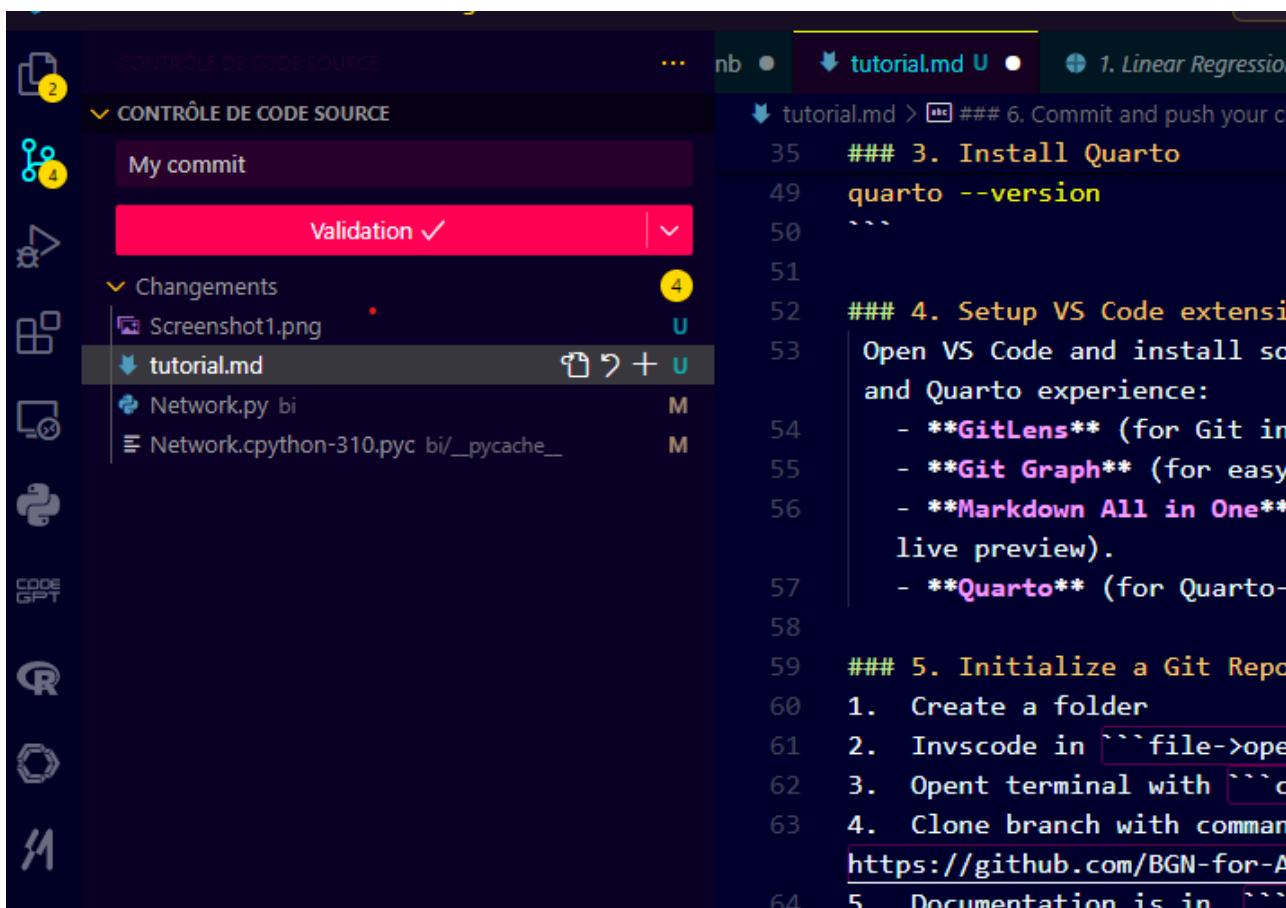
3. If you want to add comments for the moment, use Quarto comments: `<!-- This is a comment -->`. These will appear in the commit.

7. Commit and push your changes

1. In vscode you should have the following icon



2. Give a name to the commit:



3. Push:

