

---

# DATATHON CHALLENGE 2021

---

How To Get Started



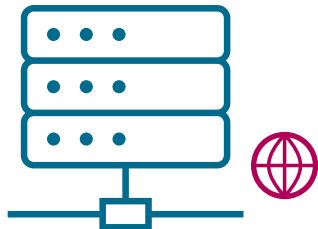
# Useful Information & links

## With Examples

Access Information	Example
Common Git Repository URL	<a href="https://git-codecommit.eu-west-3.amazonaws.com/v1/repos/Common_Repository">https://git-codecommit.eu-west-3.amazonaws.com/v1/repos/Common_Repository</a>
Private Git Repository URL (example)	<a href="https://git-codecommit.eu-west-3.amazonaws.com/v1/repos/GROUP_X_Repository">https://git-codecommit.eu-west-3.amazonaws.com/v1/repos/GROUP_X_Repository</a>
Username (example)	JOHN_DOE-at-016000179880
Password (example)	ZXhhbXBsZSBwYXNzd29yZCBnb29kIGx1Y2s=
Slack access	<a href="https://app.slack.com/client/T02J69Y0VTN/C02J69Y1JSY">https://app.slack.com/client/T02J69Y0VTN/C02J69Y1JSY</a>

# What do I have access to ?

Different repos for different usages



## Common Repository

- ✓ Accessible by everyone (pull only)
- ✓ Contains general / common information, such as data, tutorials, documentation, etc.



## Private Repository

- ✓ Accessible only by members of your group (push and pull allowed)
- ✓ All codes and submissions should be stored here

- For both repositories, you will need to first clone them to retrieve files, and then regularly pull whenever an update is being notified with Git credentials that will be provided to you. See Git tutorial for more information !

# How can I access the various repository ?

---

Once you have received your users / passwords

- 1. Open Git Bash or Git CMD (depending on the OS you are using)
- 2. Move to the directory on which you want to clone the project via the command `cd`
- 3. Copy the URL of the repository and type `git clone url`
  - (e.g. `git clone https://git-codecommit.eu-west-3.amazonaws.com/v1/repos/Common\_Repository`)
- 4. Enter successively user then password
  - Type you can use the command `git config --global credential.helper store` if you want to avoid retyping the password each time
- 5. Start working with the various git commands (git add, commit, pull, push...)



# Available files to start

Data is located in 02\_Data and is available for 3 years. Each file corresponds to a season and an Indian State. You are expected to assign each line to a cluster. Code should be written in **R** or **Python**

- 2017\_Andhra Pradesh\_Kharif.xlsx
- 2017\_Andhra Pradesh\_Rabi.xlsx
- 2017\_Bihar\_Kharif.xlsx
- 2017\_Bihar\_Rabi.xlsx
- 2017\_Chhattisgarh\_Rabi.xlsx
- 2017\_Gujarat\_Kharif.xlsx
- 2017\_Gujarat\_Rabi.xlsx

Presentation of the challenge that was held during the kick-off meeting

The guide you are currently reading

- Datathon 2021 - Kick off meeting VF.pdf
- Datathon\_2021\_Glossary.docx
- How\_to\_start.pdf
- Tutorial\_Git.pdf

Useful glossary to understand each field of the dataset

Tutorial on how to use Git commands. You may install Git here <https://git-scm.com/downloads>