



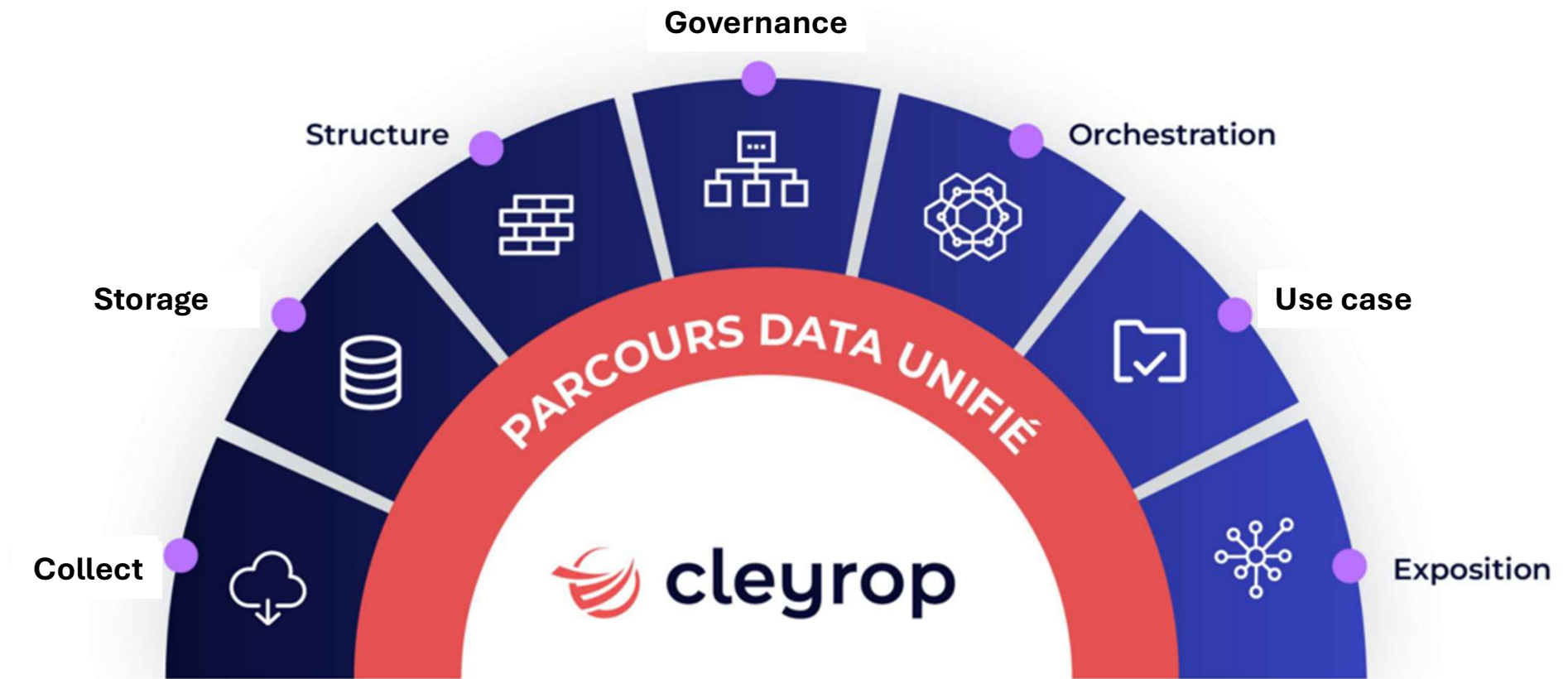
**SHIFT-HUB**

# The SHIFT-HUB Smart Health Data Space - A Health Data Hub

## User Manual

hosted and provided by SHIFT-HUB partner **Cleyrop**

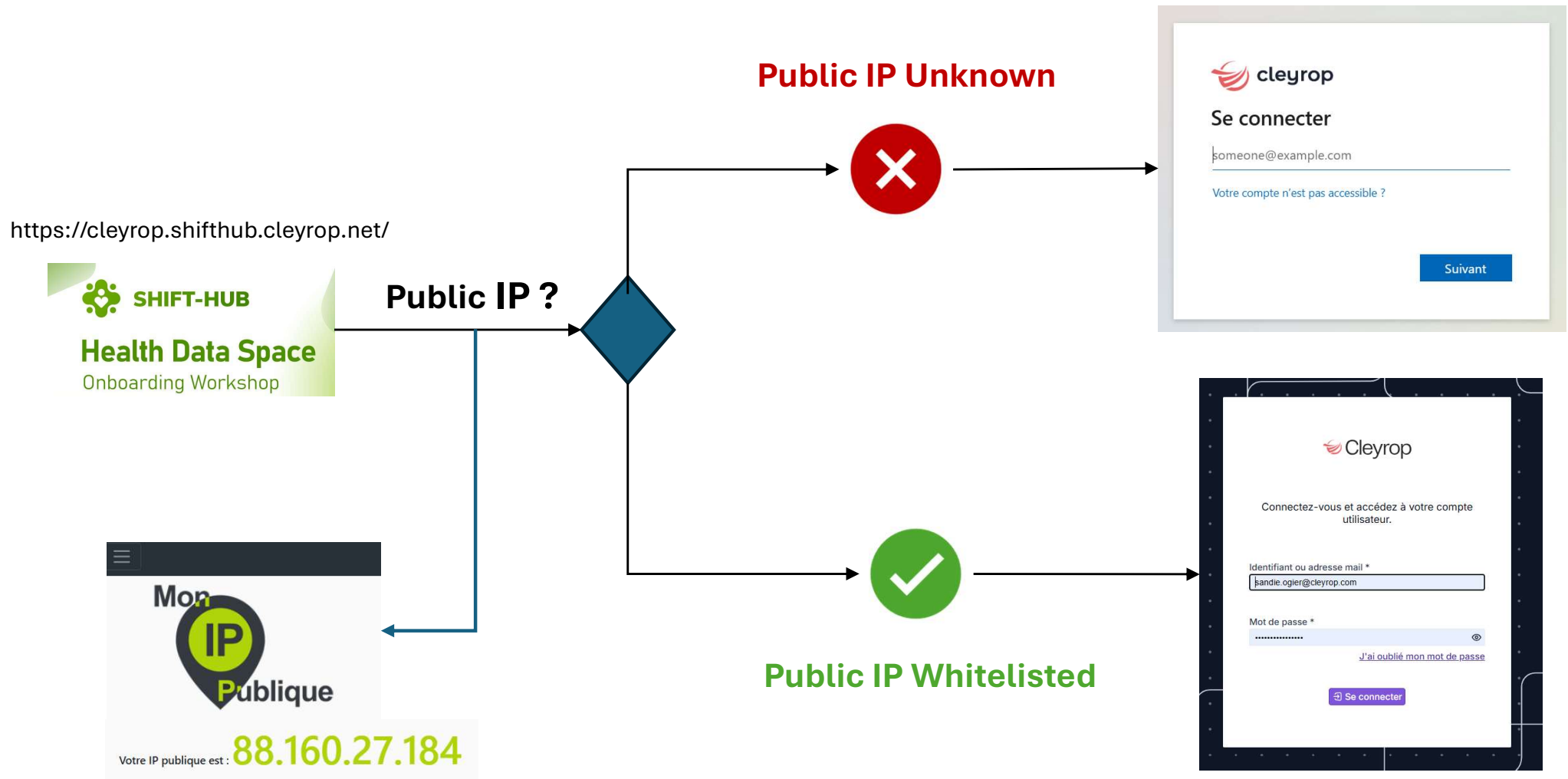
The **SHIFT-HUB Smart Health Data Space** is a **unified** and **sovereign** platform covering the entire **data lifecycle**.



# ACCESS

**security requirements**

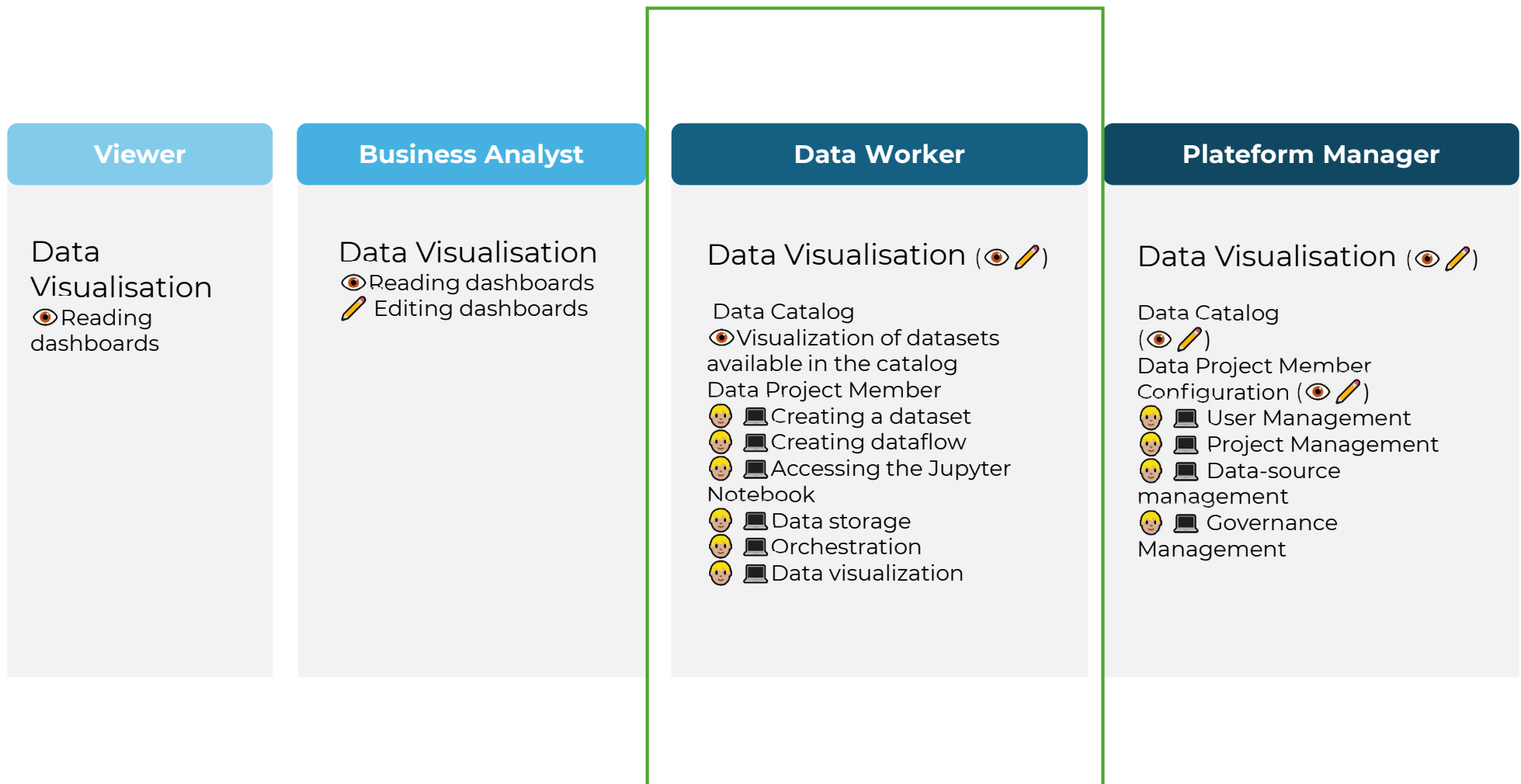
# Security requirement



# INTRODUCTION

## User Profiles

# User profiles and access rights



# INTRODUCTION

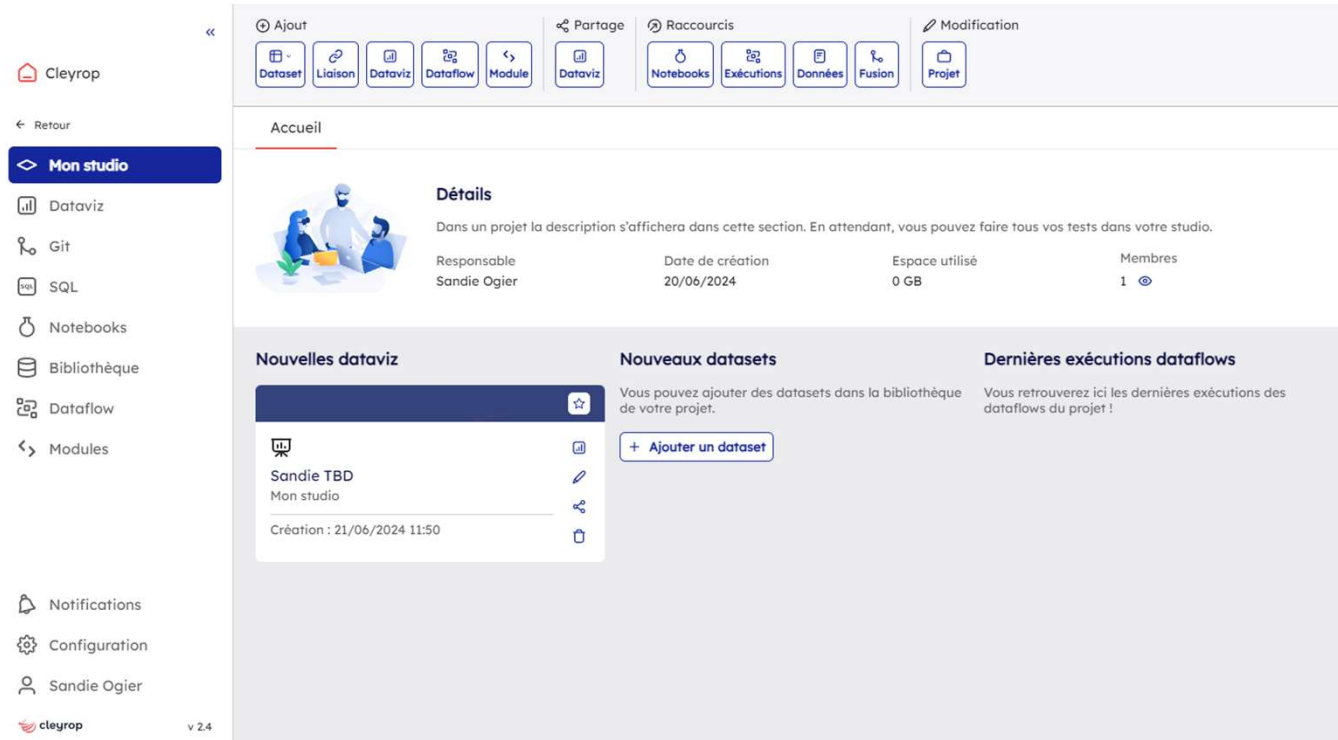
## Workspaces

# Workspaces: Introduction to "My Studio"

To work on data, you need to select a workspace, available in the « Projects » menu. You can either use what's called « My Studio » or go to a « Project ».

## My Studio

**Personal space, to which only you have access. Use as a "sandbox" to do your tests: only you have access to the data/workflow. Recommended, to do tests and training.**



The screenshot shows the 'My Studio' workspace interface. On the left is a navigation sidebar with options: Cleyrop, Retour, Mon studio (selected), Dataviz, Git, SQL, Notebooks, Bibliothèque, Dataflow, Modules, Notifications, Configuration, Sandie Ogier, and cleyrop v 2.4. The main content area is titled 'Accueil' and features a 'Détails' section for the current project. Below this are three panels: 'Nouvelles dataviz' (showing a 'Sandie TBD' dataset), 'Nouveaux datasets' (with an 'Ajouter un dataset' button), and 'Dernières exécutions dataflows'.

Détails			
Dans un projet la description s'affichera dans cette section. En attendant, vous pouvez faire tous vos tests dans votre studio.			
Responsable	Date de création	Espace utilisé	Membres
Sandie Ogier	20/06/2024	0 GB	1



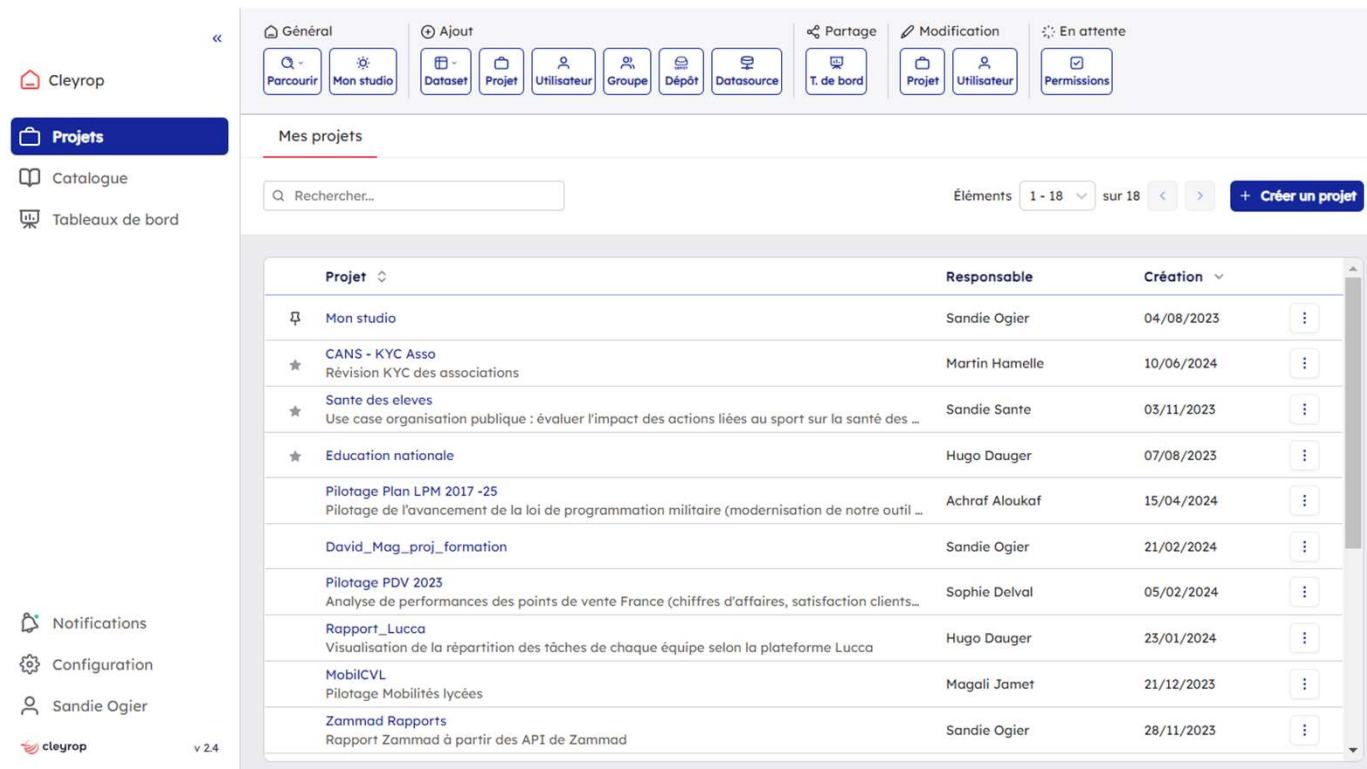
# Workspaces: Introduction to the notion of "Projects"

To work collaboratively or industrially, you need to go to a workspace, available in the « Projects » menu.

Only the Platform Manager can create project spaces.

**My projects**

**Collaborative space, accessible to all members of the project. Recommended for working on data intended to be put into production, whether you are alone or several working on it.**



**Mes projets**

Rechercher...

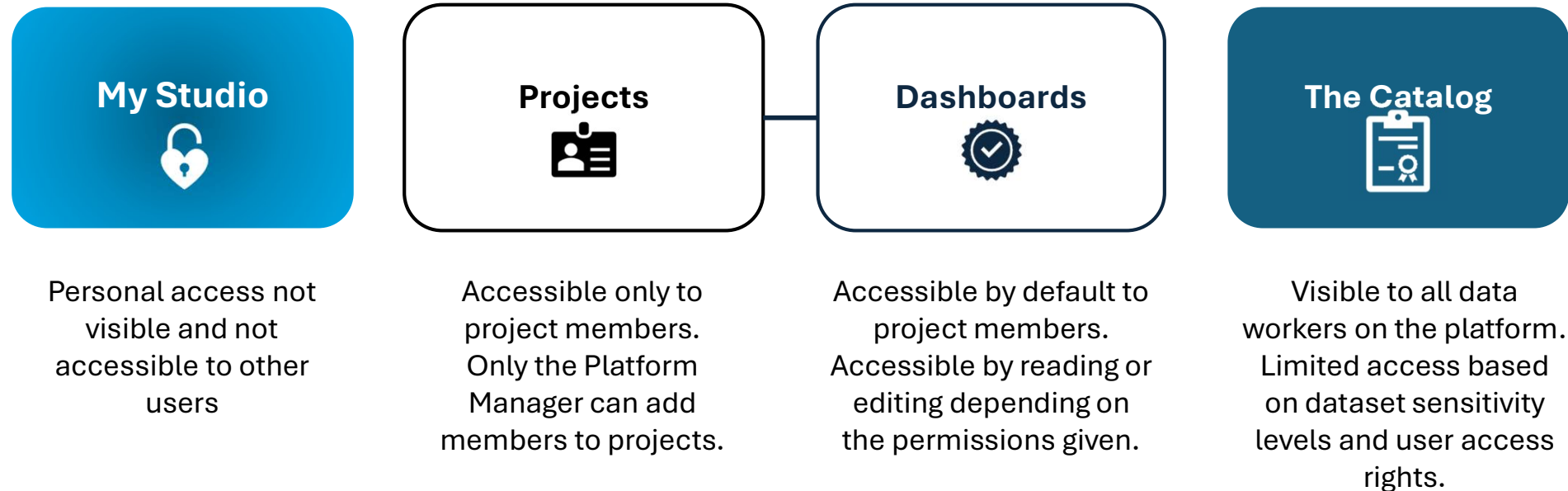
Éléments 1 - 18 sur 18 [+ Créer un projet](#)

Projet	Responsable	Création
Mon studio	Sandie Ogier	04/08/2023
CANS - KYC Asso Révision KYC des associations	Martin Hamelle	10/06/2024
Sante des eleves Use case organisation publique : évaluer l'impact des actions liées au sport sur la santé des ...	Sandie Sante	03/11/2023
Education nationale	Hugo Dauger	07/08/2023
Pilotage Plan LPM 2017 -25 Pilotage de l'avancement de la loi de programmation militaire (modernisation de notre outil ...	Achraf Aloukaf	15/04/2024
David_Mag_proj_formation	Sandie Ogier	21/02/2024
Pilotage PDV 2023 Analyse de performances des points de vente France (chiffres d'affaires, satisfaction clients...	Sophie Delval	05/02/2024
Rapport_Lucca Visualisation de la répartition des tâches de chaque équipe selon la plateforme Lucca	Hugo Dauger	23/01/2024
MobilCVL Pilotage Mobilités lycées	Magali Jamet	21/12/2023
Zammad Rapports Rapport Zammad à partir des API de Zammad	Sandie Ogier	28/11/2023

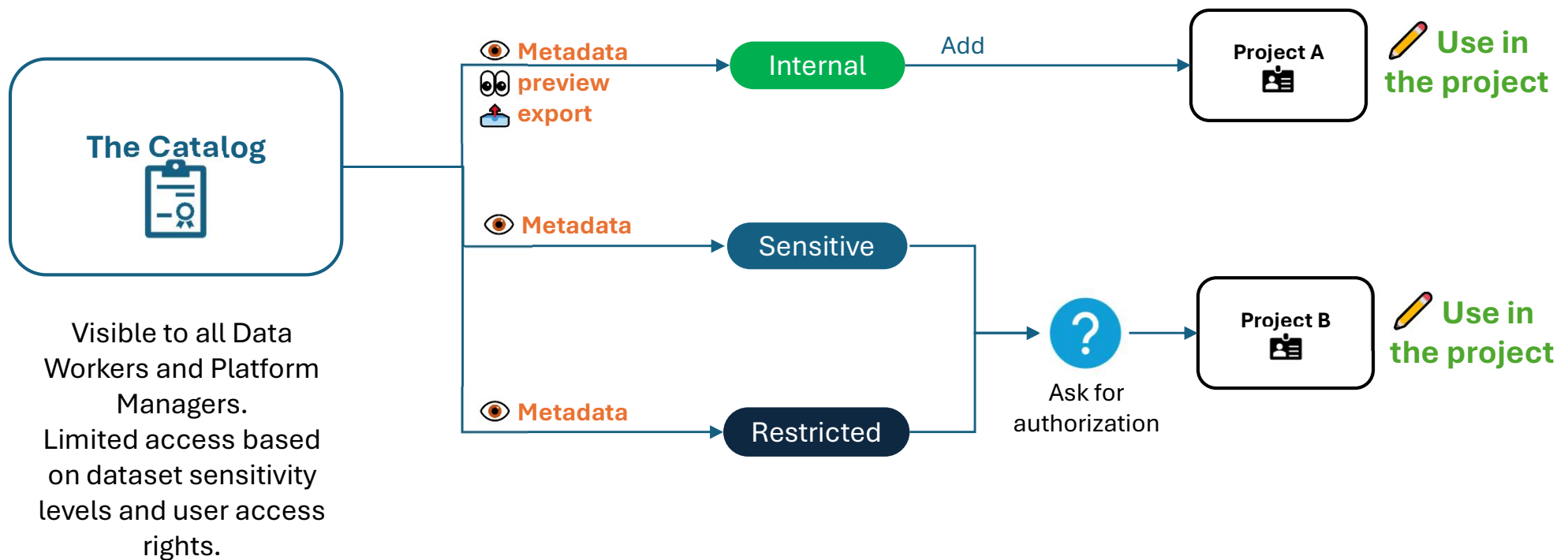
# GOVERNANCE

## Access rights

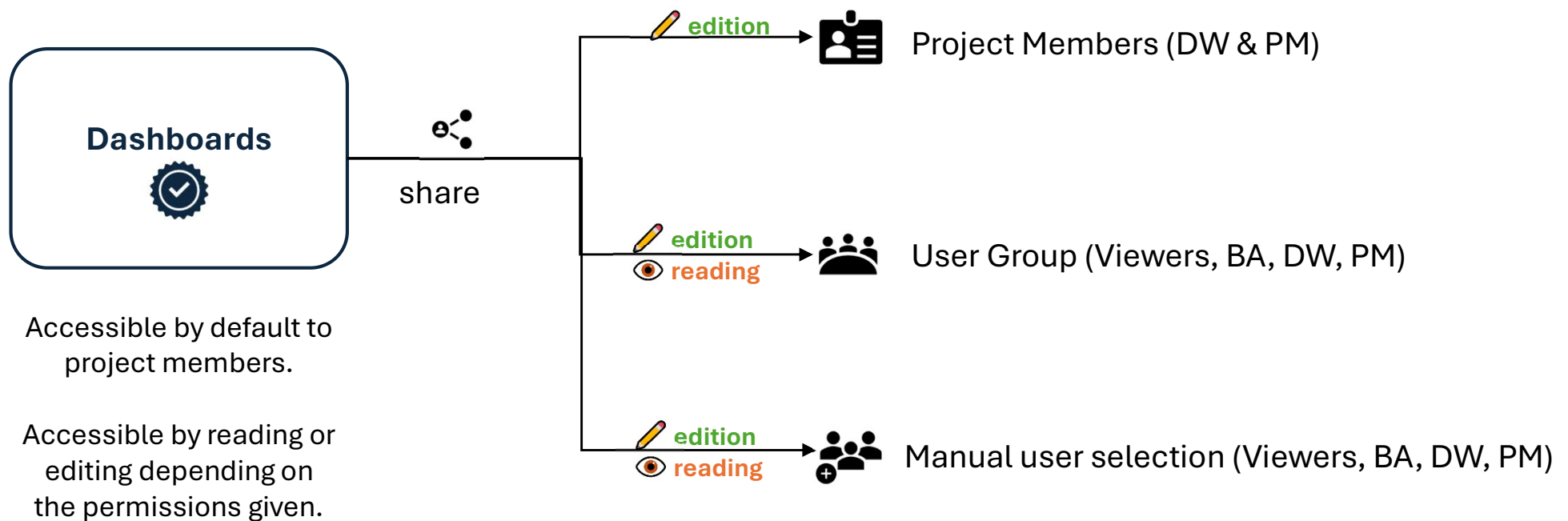
# Access rights to DATASET & DATAFLOW



# Access rights to Data Catalog



# Access rights to dashboards



# START to Make your data speak

The screenshot displays the Cleyrop dashboard interface. On the left is a sidebar menu with the following items: Cleyrop (home icon), MAIN (expandable), Catalog (book icon), Projects (briefcase icon), Applications (grid icon), Data sources (network icon), Administration (gears icon), MY STUDIO (expandable), cleyrop v 2.10 (logo and version), and Notifications (bell icon). The main content area features a top navigation bar with a home icon, a 'Hide actions' button, and several functional groups: General (Browse, My studio), Add (Dataset, Project, User, Group, Deposit, Datasource), Share (Dashboard), Edit (Project, User), and Pending (Permissions). Below this are three project cards. The first card, 'My studio', is marked as 'Unset' and was created on 16/12/2024 at 11:33. The second card, 'My CareCrew', has the description 'My CareCrew supports cancer patients, ...' and was created on 26/02/2025 at 14:09. The third card, 'Shift-Hub for Psychomeasure', has the description 'First Test of public/private/sensitive health ...' and was created on 09/10/2024 at 11:52. Each card includes a star icon for favorites and information, list, and share icons. A 'See more' button is located at the bottom of the main content area.

# Collect data

Different functionalities are available to collect data :

1. Create a connector via a data source (*ask to a platform manager*)
2. Import local data
3. Get data by url with python transformation
4. Use existing data on the catalog

# Transform data

All data transformation are operating in a project space, where you can find a range of data tool processing.

1. Learn more about your data by exploring datasets in the library. On each dataset, you can create or check quality rules.
2. You can get quick statistics by using the SQL explorer or by using pandas library on the jupyter Notebook
3. You can clean, transform or create new dataset in the dataflows by using python/sql/low code transformations



# Visualize your data

To make your data speak and give it meaning, you can create thematic dashboards and share them within the community.

1. Create a dashboard in you project space
2. Connect your dataset to the dashboard
3. Use a large range of visualizations to empower your data
4. Schedule automatic refresh and publish your dashboard
5. Share your dashboard with the community

# Share your results

To increase the impact of your application, share your results within the platform with community members.

1. Share yours results by publishing datasets to the catalog
2. Share your dashboard with the community using ShiftHub group

# Make a try follow this training steps



1. Go to my studio
2. In the menu “Library”, add the dataset « Médecin Accrédités HAS » available in the catalog
3. Got to SQL menu and count the doctor with the following SQL query
  - `select count(`Num RPPS`) from catalog.medecin_accredites_has`
4. Create a new dataflow called “Get Started”
5. Select as input dataset « Médecin Accrédités HAS »
6. Add a low code transformation and call the output « Doctor\_BY\_OA »
  - Group the column “OA” and aggregate the column “Num RPPS” by counting distinct values.
7. Save and run the dataflow
8. Go back to edition to deploy the dataflow
9. Preview the result by looking forward the output in your library
10. Create a new dashboard
11. Link the output dataset to the dashboard
12. Go back to the dashboard and displays the number of doctors by OA

# THANK YOU

## for joining the SHIFT-HUB Smart Health Data Space

Become part of the [SHIFT-HUB Community](#) now!

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