

Projet UE-3 : Hypertension artérielle (HTA) et entrepôt de données

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9 Décembre 2024

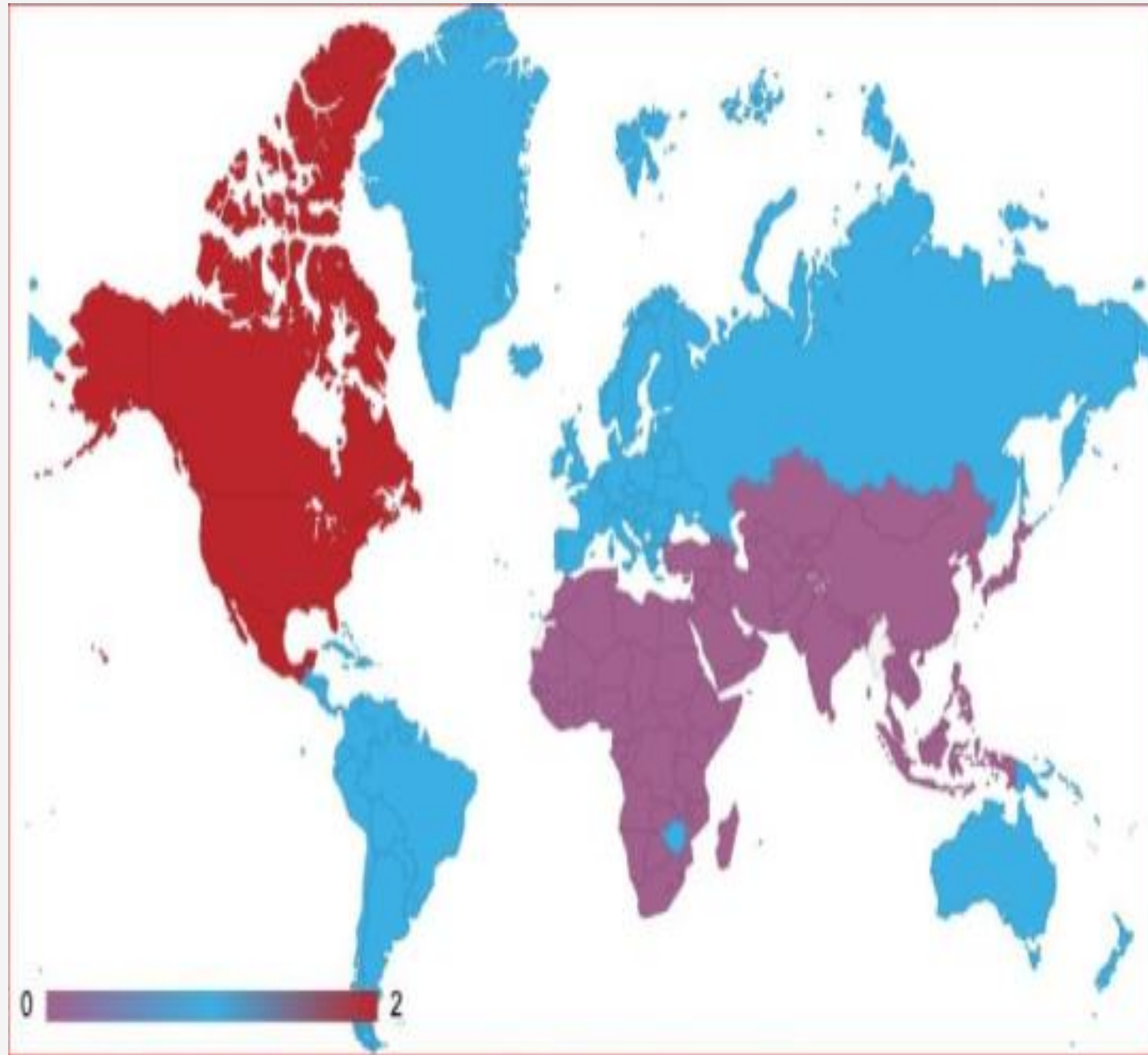
Master 2
Informatique
Biomédical
2024-2025

Introduction et Presentation

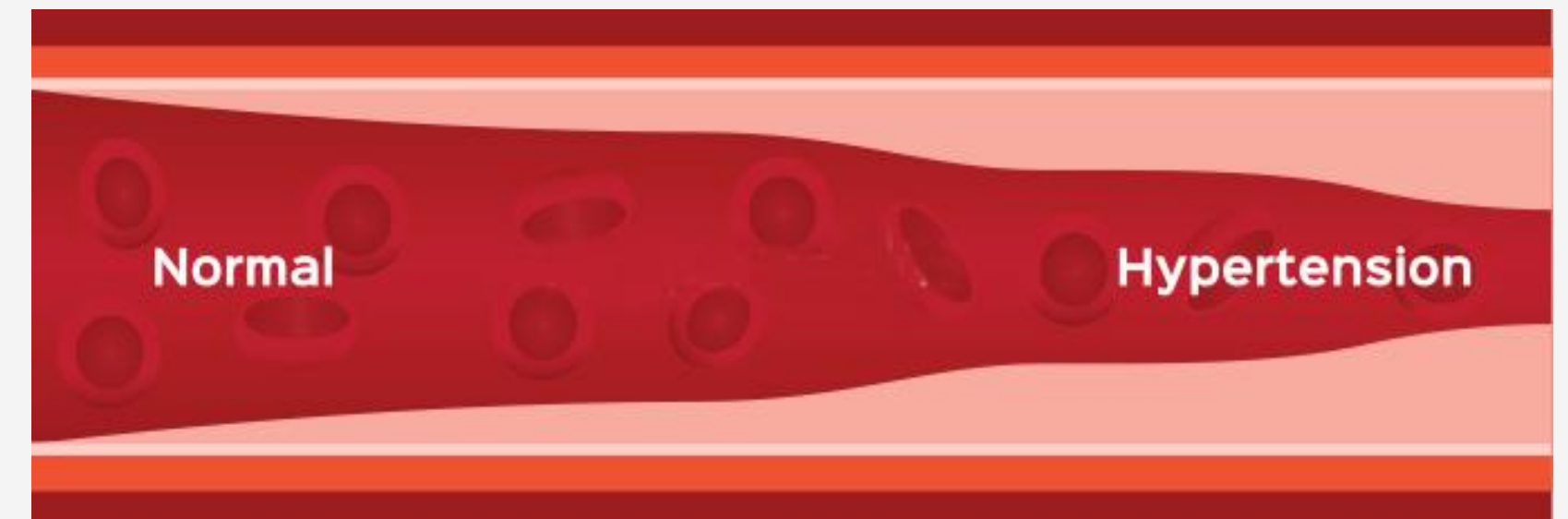
Méthodologie et application des transformations

Exemple d'exploitation

Discussion et conclusion



- **Maladie Chronique**
- **Pression anormale**
- **1,28 milliard de malade (46% ignorent) en 2023**





MIMIC-III Clinical Database Demo

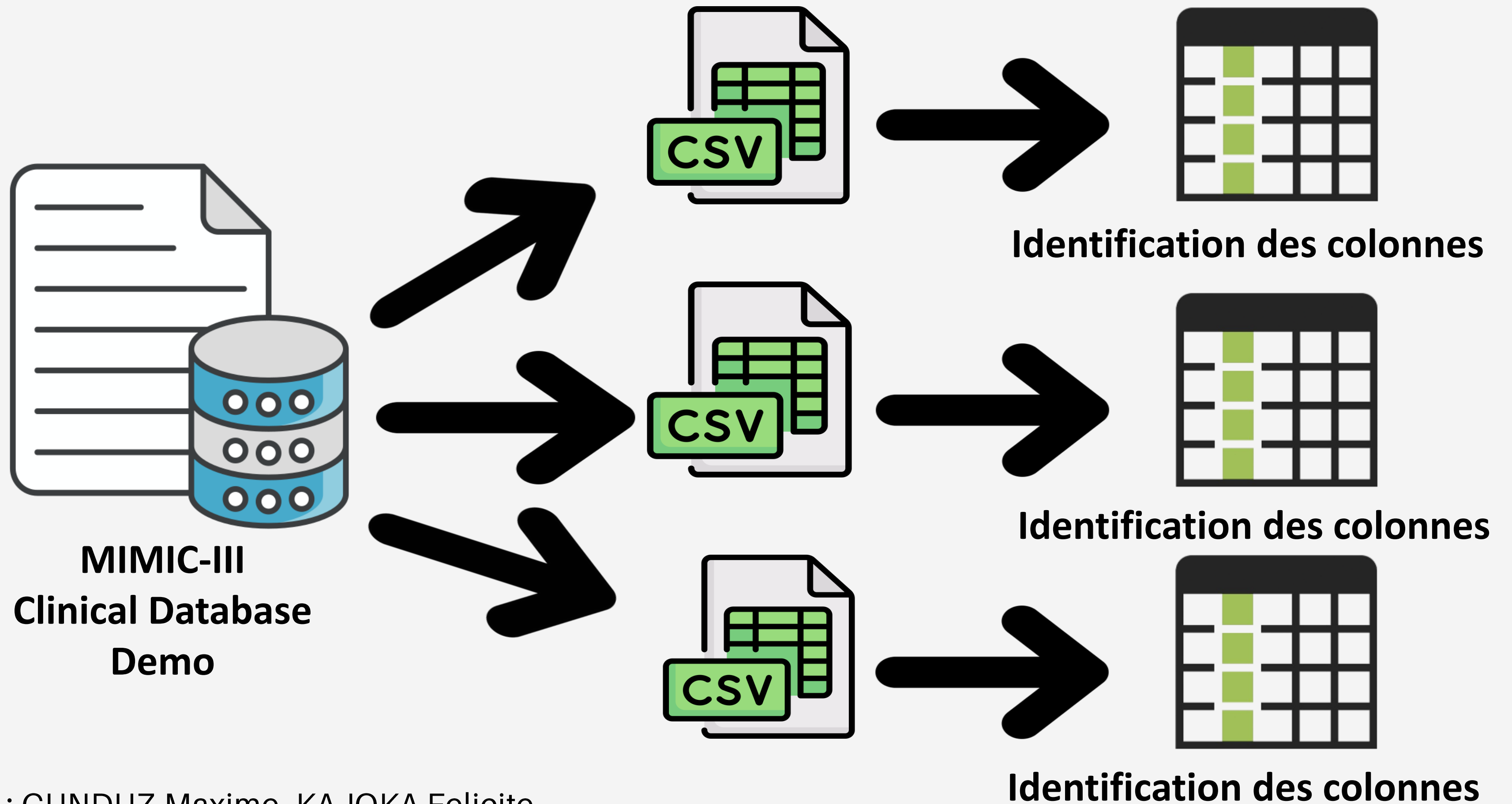


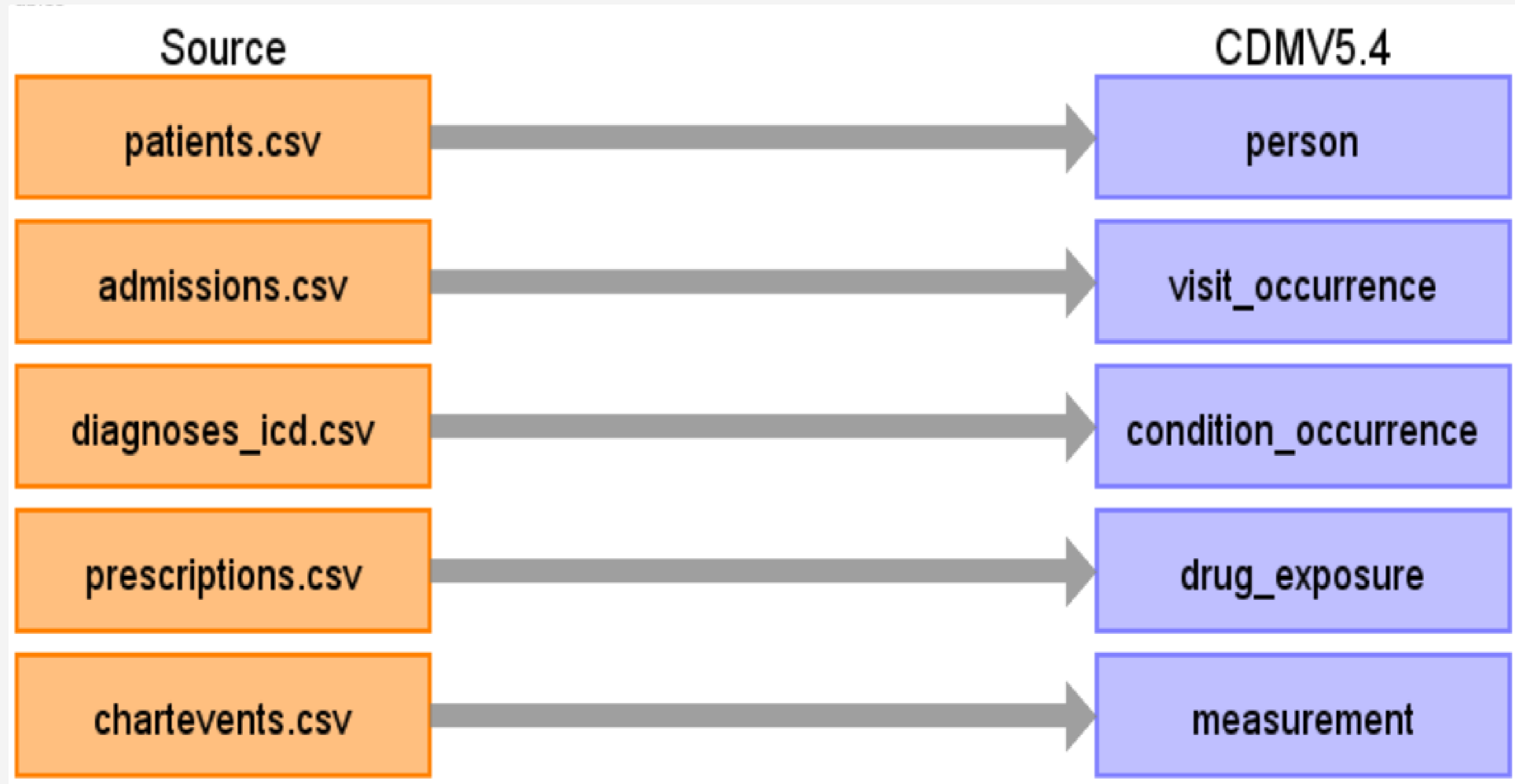
**Analyse des
Prescriptions**



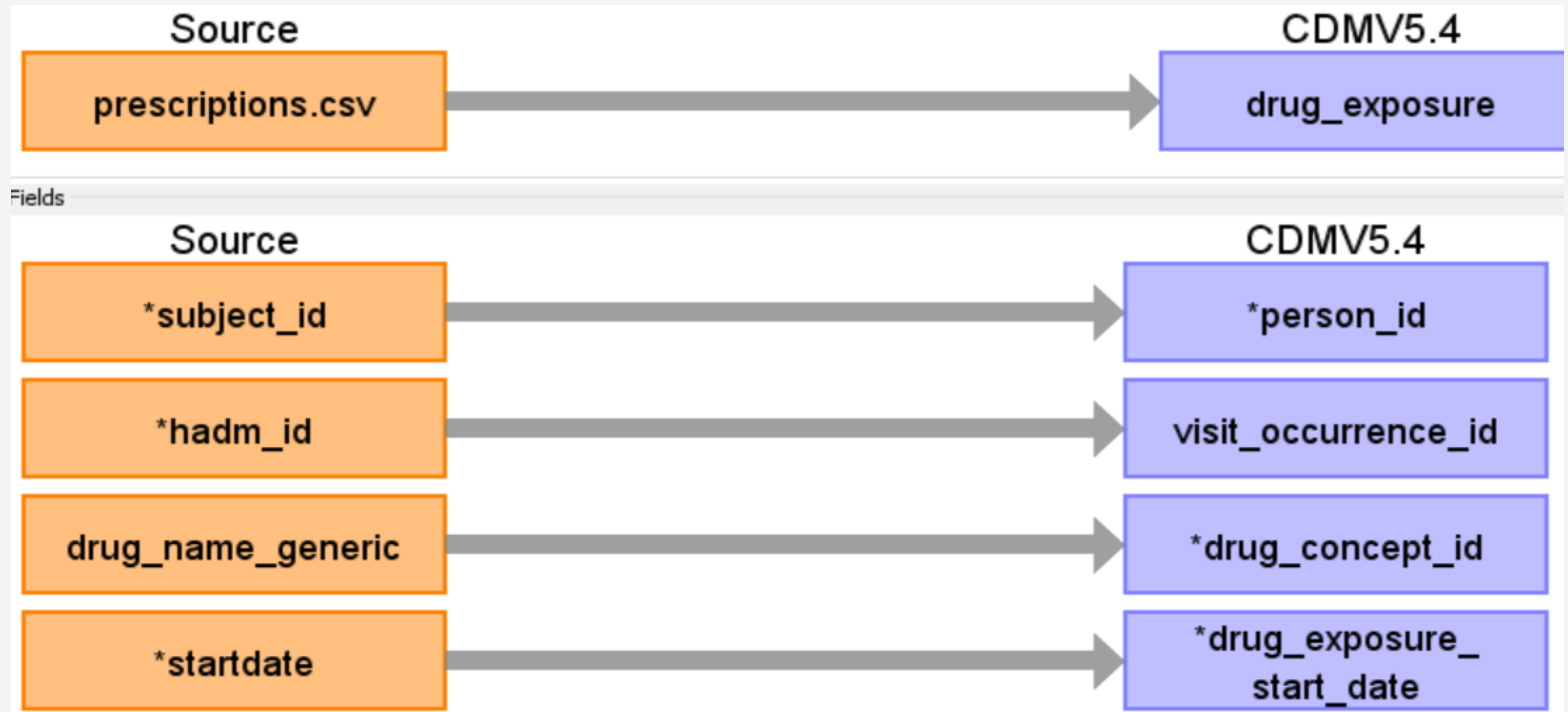
Entrepôt de données







Standardisation des Tables



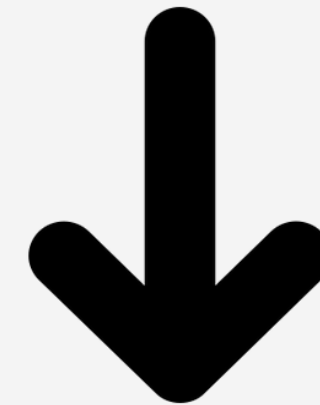
Standardisation des colonnes



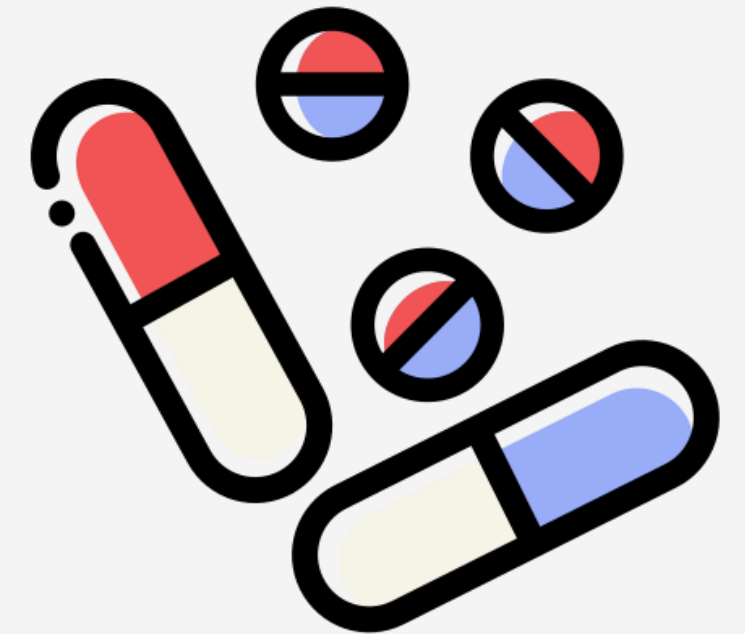
**MIMIC-III
Clinical Database
Demo**



Identification de Diagnostics



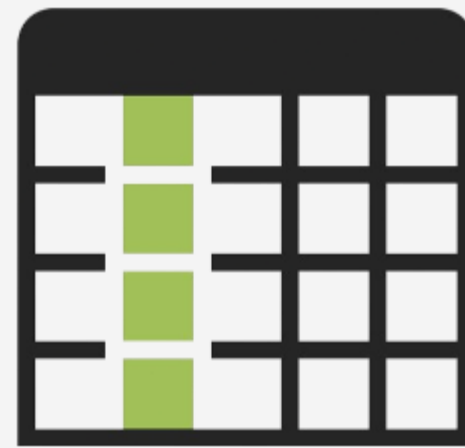
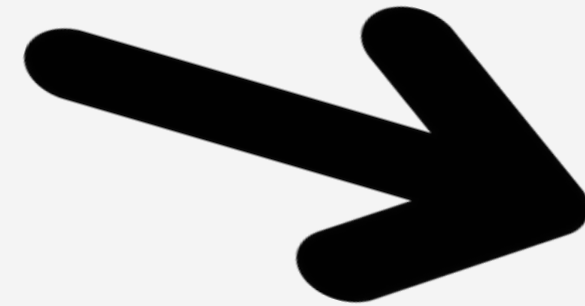
Identification de Patient



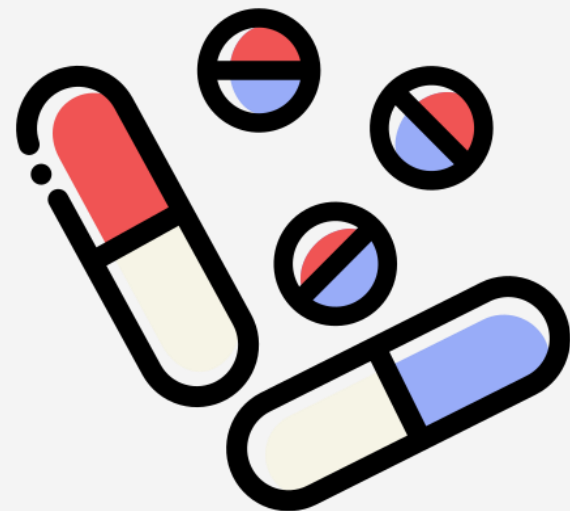
**Identification de
Médicaments**



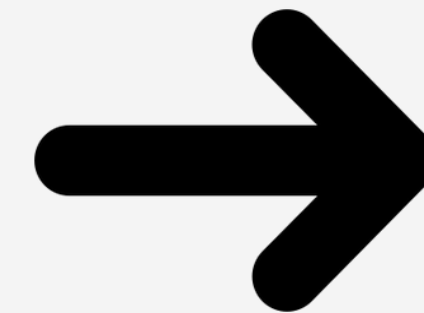
Concept Diagnostic



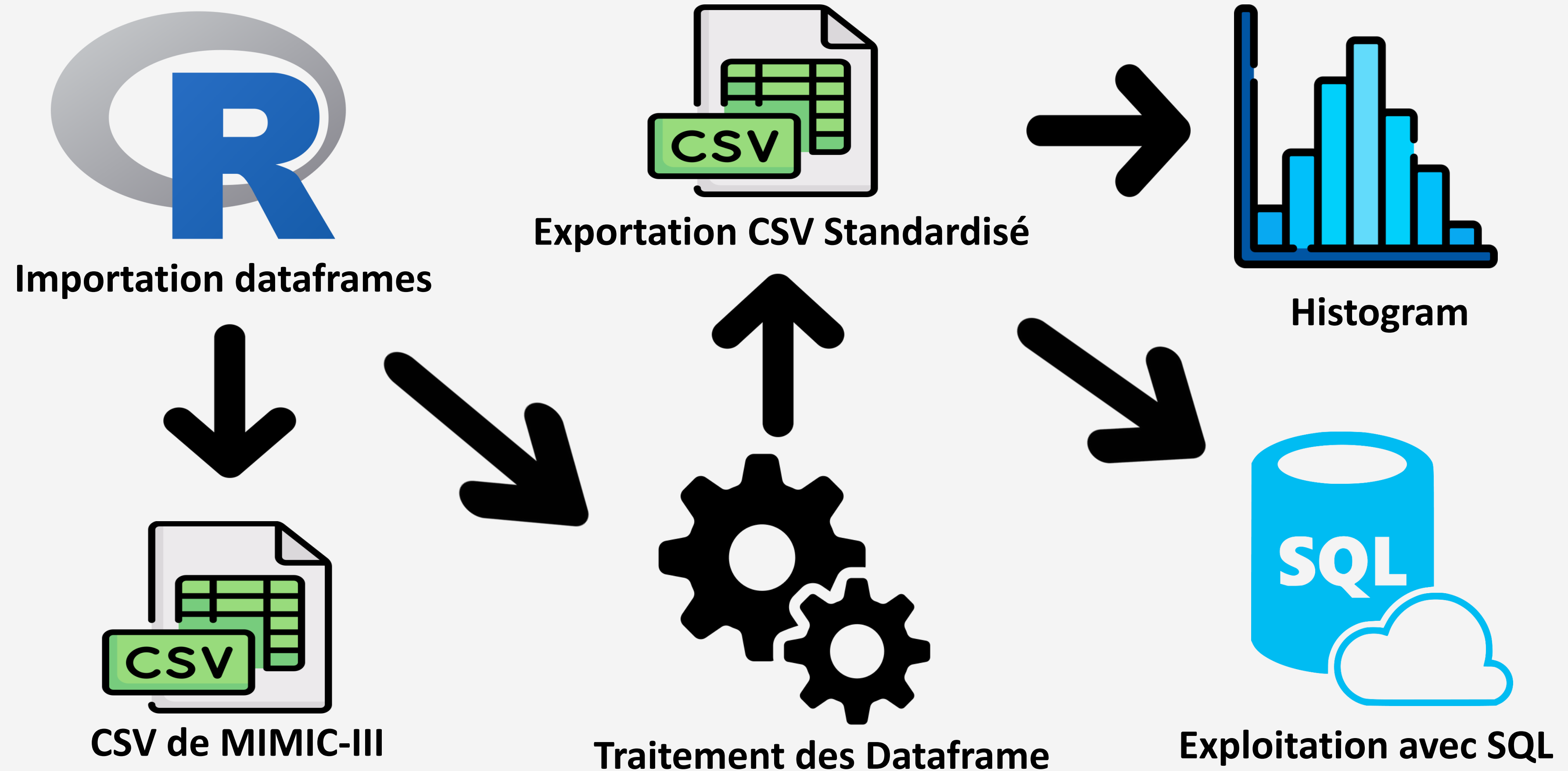
Autres Concept

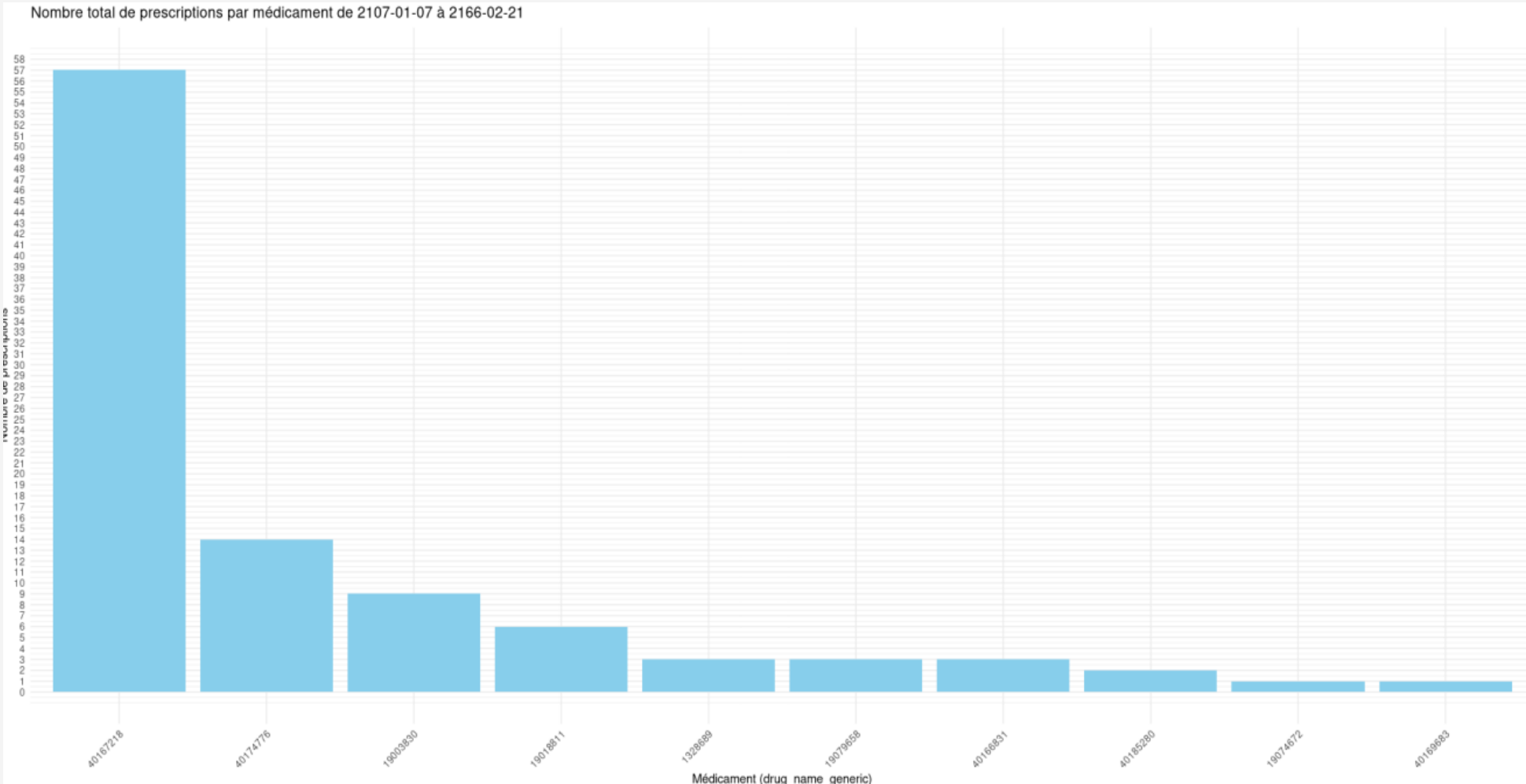


Concept Médicaments



CONCEPT ID





- Metoprolol (40167218)
- Prescript 57 fois
- Prescript 23 fois a 10088

	patient	médicament	prescription
1	10026	19003830	2
2	10026	40167218	3
3	10026	40174776	2
4	10088	19003830	4
5	10088	19018811	1
6	10088	19074672	1
7	10088	40166831	3
8	10088	40167218	23
9	10088	40174776	4
10	10111	1328689	1
11	10111	40167218	11
12	10111	40174776	7
13	10111	40185280	2
14	10124	1328689	2
15	10124	19003830	3
16	10124	19018811	5
17	10124	19079658	3
18	10124	40167218	20
19	42075	40174776	1
20	43870	40169683	1



Entrepot avec données Fictive
(exemple : date de naissance)

Ne prouve pas l'efficacité
des médicaments

Avenir du projet : prendre
plus de médicaments et de
diagnostics