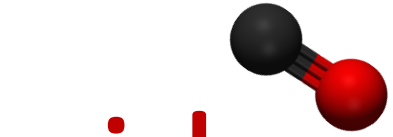
Mapping **Carbon** **Monoxide** levels in the U.S

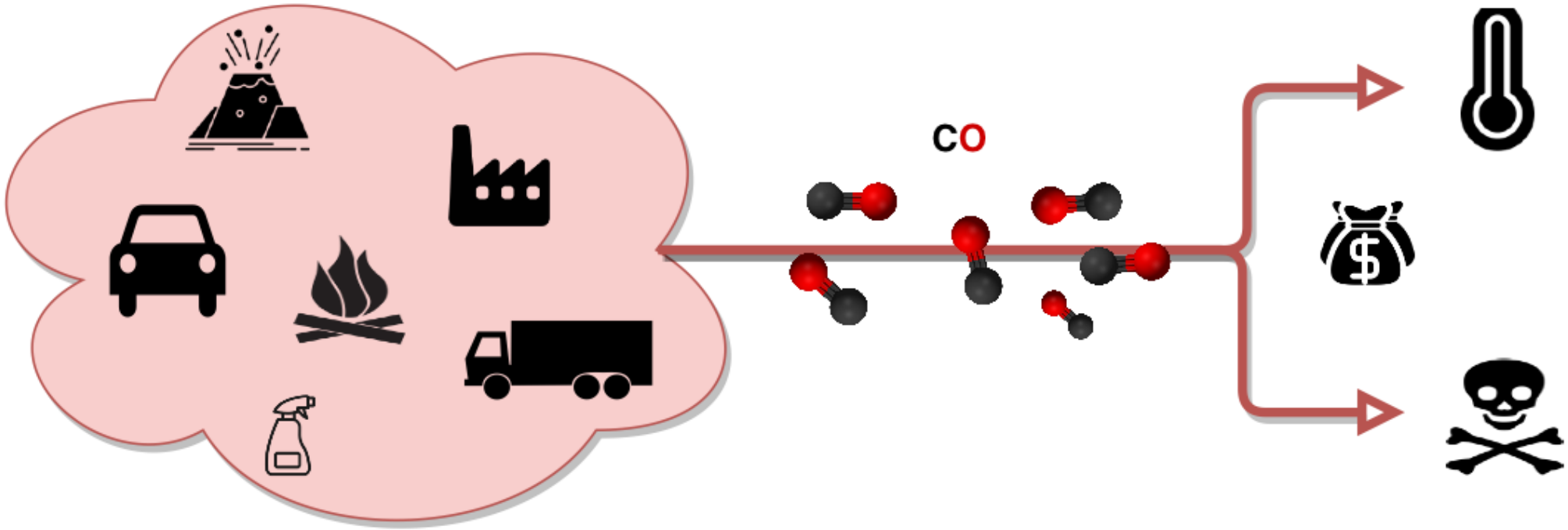


*CSE 6242 — Data **Visualization** and **Analytics***

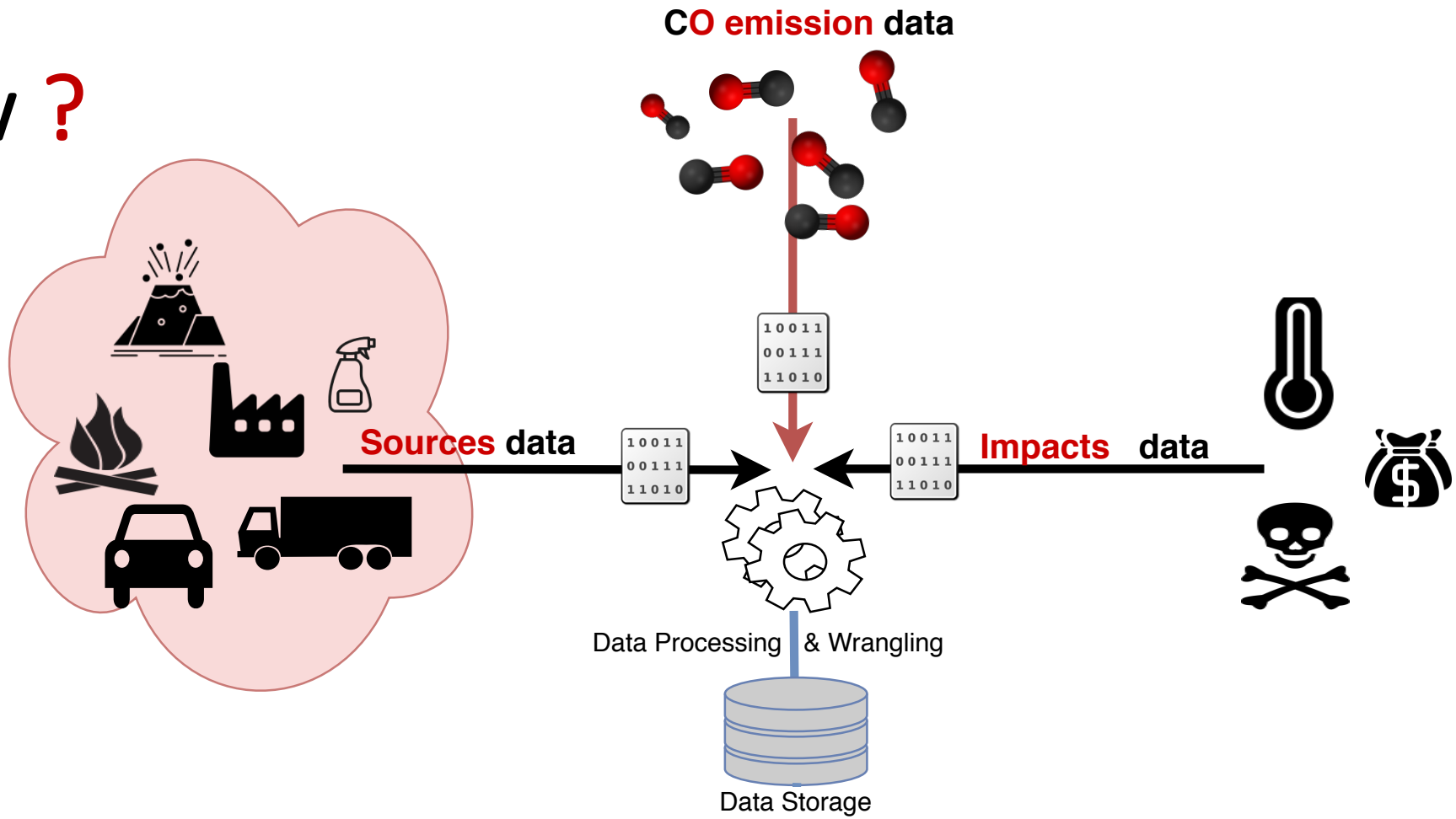
Vincent Marois, Alexandre Jouandin, Baptiste Amato, Alexis Durocher

Gabriel Hurtado, Nicolas Six, Eymard Prevost

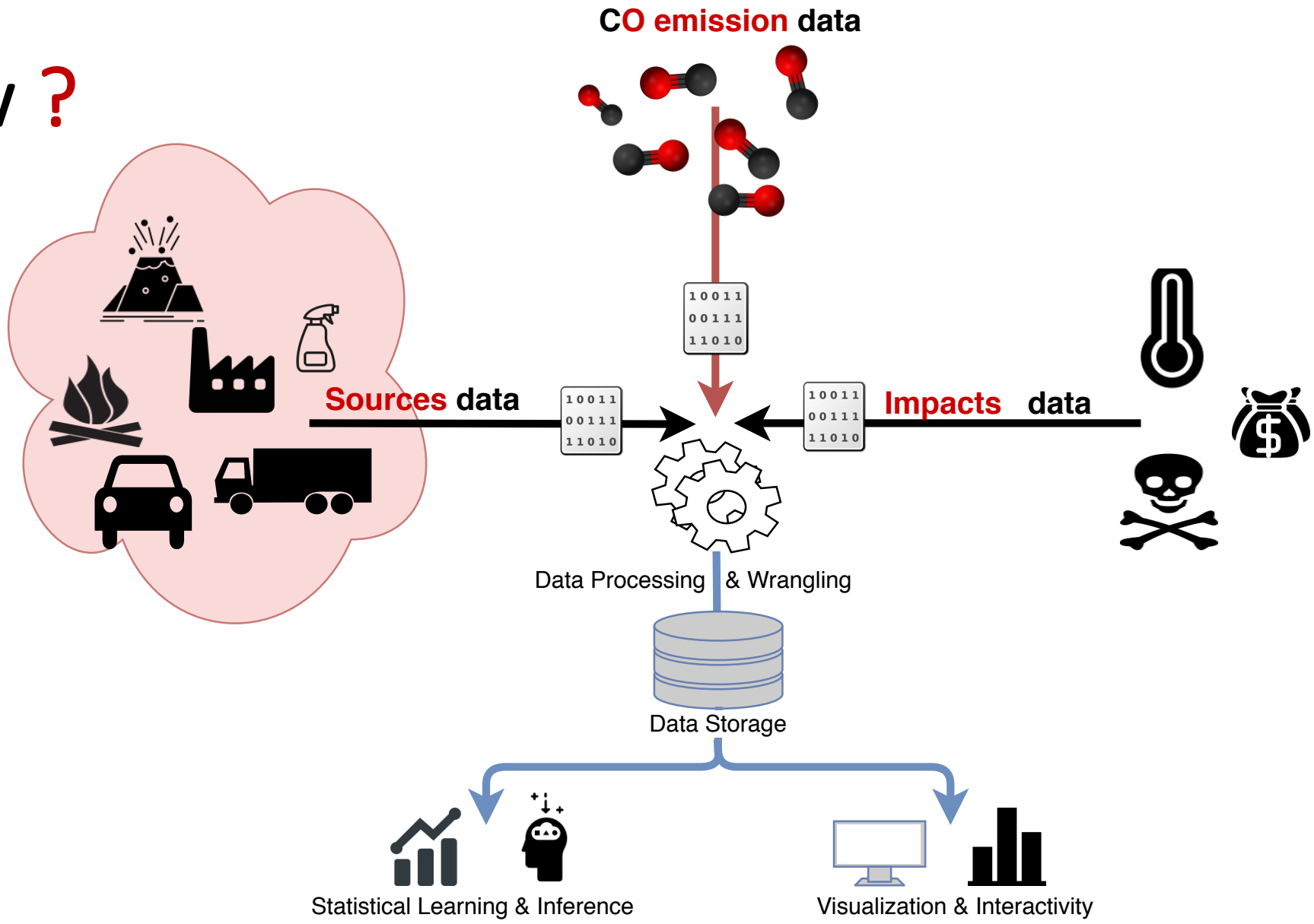
Why ? *CO is a **colorless**, **odorless**, and **tasteless** gas. One of the most common causes of **poisoning** in the U.S with **high warming** potential.*



How ?

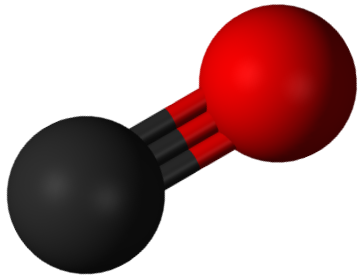
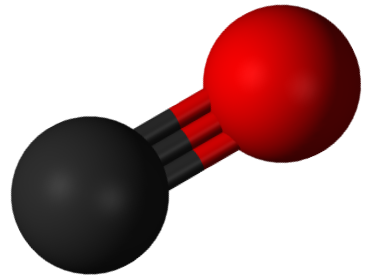

CO emission data
10011
00111
11010
Sources data
10011
00111
11010
10011
00111
11010
Impacts data
Data Processing & Wrangling
Data Storage

How ?


CO emission data
10011
00111
11010
Sources data
10011
00111
11010
10011
00111
11010
Impacts data
Data Processing & Wrangling
Data Storage
Statistical Learning & Inference
Visualization & Interactivity

What ?

- **Visualization** as a **public awareness** tool
- **Interactivity** to emphasize **sources** and **impacts** correlations
- **Filtering** in **time** and **space**
- **Statistical Learning** for CO emission **predictions** a/o **clustering**



Thank you for
your
attention