Projects Additional Information

Nearly every project was saved on the university's private gitlab.
Most Projects are written in French.

Big Data Projets:

Projects made for the "Technologie Big Data" Class (Big Data Technology).
Each project has an executed version with "EXEC" in the name.

Project 1:
- Tools: Python PySpark Matplotlib
- Subject: Analysis of road accidents in France
- Difficulty:
    - Many standards
    - Bad dataset because some data were filled by humans

Project 2:
- Tools: Python PySpark Matplotlib
- Subject: Analysis of bicycle trips in New York
- Difficulty:
    - Big datasets (more than 12GB) divided in 10 .zip
    - Many standards

Databases projects:

Project made for the "Bases de données avancées" class (Advanced Databases)

"Que faire à Paris" database:
- Subject: Optimization and partitioning of Paris' recreational activities database. Make interesting queries
- Difficulty:
    - Only one table
    - Fields filled by people
    - Can't create new fields

Other projects:

3 types of games on chessboard:
>Tools: C++
>Subject: Object Oriented Programming practice with 3 types of games on chessboard
>Notable Features:
>- Easy to add a new game with a chessboard
>- Easy to add new rules and end-game conditions

Ocaml Defense Game:
>Tools: Ocaml Raylib
>Subject: Real time defense game
>Notable Features:
>- Real time
>- Pathfinding

Ouga Boggle:
>Tools: Java
>Subject: Boggle Game
>Notable Feature:
>- Online

J'eau'Quaire:
>Tools: Ocaml
>Subject: Solitaire Solver

Frippe:
>Tools: Javascript Express
>Subject: Clothing store website

Pros Genis
>Tools: Java
>Subject: Typing game on Java
>Notable Feature:
>- Online Multiplayer