

# Functional Programming with Scala

Project Title: Scala Project

Group Name: Group 11

AVELINE, Robin

IG5.Polytech

November 19, 2024

# About the Project

- **Responsible for connecting to MongoDB Atlas**
  - Building a MongoDB Atlas Connection Class
  - Creating a Scala program to extract CVE Json files on Atlas
- **Methodology or Approach:**
  - Connection to MongoDB Atlas
  - Filtering JSON Files
  - Reading JSON Files
  - Insertion into MongoDB
  - Error Handling
  - Asynchronous Optimization

- **Challenges Faced and Their Resolutions:**

- Connection Issues to MongoDB Atlas
- File Encoding Problems
- Asynchronous Insertion Failures
- Filtering Specific Files

- **Learning Gained:**

- Familiarize with my forever friend MongoDB Atlas.

- **Future Improvements:**

- Harder, Better, Faster, Stronger