

# Functional Programming

Project Title Scala Project

Group Name: Group 11

AVELINE, Robin

IG5\_Polytech

November 19, 2020

# About the Project

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

# Challenges and Learning

## ■ 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

## ■ Future Improvements

- Harder, Better, Faster, Stronger