CLÉMENT POUPELIN
Statistician

Personal website

http://clement-poupelin.github.io

CONTACTS

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in Clément Poupelin

🚗 Permis B

SKILLS

- French (native)
- English (B2+) TOEIC 880
- German (B1)

- R/Rstudio
- Python
- LaTex
- SAS
- SQL
- Git (GitLab, GitHub)
- Linux/Windows
- MS 365

INTERESTS

- Cinema
- Music (guitar, bass, cam)
- Travel (Japan, England, Germany, Belgium)
- Hiking
- Sport (badminton, volley-ball, climbing)

EXPERIENCE

Statistician engineer Bilille platform (Unit PLBS)
Jan 2025 – Jan 2026

- Ensure the implementation and management of biological data analysis projects (omics, clinical, imaging, etc.) using appropriate statistical tools
- Multimodal data analysis as part of an RHU project on Amyotrophic Lateral Sclerosis (ALS)
- Statistical analyses as part of an article on predicting the severity of Parkinson's disease and cognitive decline using blood ferroptotic biomarkers
- Participation in internal platform development projects

Statistician engineer INRAE Ile-de-France (Unit MaIAGE)
Oct 2024 – Dec 2024

Exploratory meta-analysis of public datasets of different microbial ecosystems of the food chain
- Application of data science skills applied to microbial ecology
- Participation in a pilot project promoting open science/open data
- Work around microbial network inference methods
- Creation of a quarto blog reporting on the work carried out: http://clement.poupelin.pages.mia.inra.fr/blog_open16s/

End of study internship INRAE Ile-de-France (Unit MaIAGE)
Apr 2024 – Sep 2024

- Acquisition of data science skills applied to microbial ecology
- Discovery of statistical methods used in meta-analyses
- Creation of a quarto blog reporting on the work carried out: http://clement.poupelin.pages.mia.inra.fr/open16s_blog/

Challenge Data
Jan 2024

Third prize out of 189 participants for the challenge proposed by Owkins: Detection of the PIK3CA mutation in breast cancer https://challengedata.ens.fr/challenges/98
Challenge carried out as part of the common statistical learning course at central Nantes

Study Buddy Nantes Université
Sep 2023 - Sep 2024
Commitment to the association for the implementation of support for foreign students.

Claims advisor MAIF - part-time permanent contract
Jun 2021 – Aug 2023

Volunteering FEMA (Festival La Rochelle Cinéma)
Jul 2023 and Jul 2024

Education

UFR Sciences et techniques   *Nantes Université*
Master in Mathematics and Applications - Statistical Engineering
2022 - 2024

Preparation for careers as a high-level statistician, capable of manipulating, synthesizing and analyzing data from all types of applications:
- Analysis and modeling from large volumes of data (Big Data)
- Modeling and prediction of time/chronological series
- Implementation of Bayesian and machine learning techniques

Bachelor in Mathematics
2018 - 2022
Acquisition of different skills linked to mathematics and their derivatives

Highschool François Rabelais   *Fontenay-le-Comte*
2016 - 2018