Florence Ghestem

Ph.D candidate in Biostatistics based in Paris, France. I am specializing in genotype-phenotype associations through high dimensional data integration.

Contact Info

https://github.com/FlorenceGhestem

CESP - INSERM

https://linkedin.com/in/florence-ghestem-data-sciences

Paris, France

https://orcid.org/0009-0000-0699-7751

https://florenceghestem.github.io/

Skills

IT
- R, Python, and Bash languages
- SQL (Bigquery) and NoSQL database management
- Code versioning and project management with GitHub
- Development environment based on GCP and Docker
- Writing tools, reference management (Zotero, Quarto)
- Office suite (Word, Excel, PowerPoint)

Languages
- English: C1 level (TOEIC 975 points)
- Spanish: B2 level

Experience

Ph.D Student in biostatistics
September 2024 - Today

CESP - INSERM, Villejuif, France
- Develop methods for integrating deep and multiscale phenotypic data.
- Identify genotype-phenotype associations with significant biological implications.

Biostatistician
September 2022 – September 2024

IT&M Stats, Boulogne-Billancourt, France
- Statistical analysis of studies aiming to link skin biomarkers with clinical signs (PLS, factorial analyses, mixed models).
- Monitoring and project management of a cohort of 10,000 people.
- Bibliographic research.

Internship - Staticician
March 2022 – September 2022

Chanel, Paris, France
- Data management: creation of a clinical results database.
- Data visualization, descriptive statistics, structural equation models.

Education

Master of Science in Data Sciences for Biology
2019-2022

Institut Agro, Rennes, France
- Factorial analysis, machine learning, computer science, economics, statistics applied to perception data.
- Thesis: Construction and Evaluation of Clinical Performance Scores

Diploma in Technological Studies
2017-2019

Avignon Univeristy, Avignon, France
- Major in Biological Engineering
- Statistics, bioinformatics, genetics, plant, and animal biology.