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
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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 consultant

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.