Florence Ghestem

GENERAL INFORMATION

Location: Paris, France

Phone: +33 6 34 39 69 83

Email: ghestemflorence@gmail.com

Website:

www.linkedin.com/in/florence-ghestem-data-sciences

SKILLS

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

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

PUBLICATION

Novel indices reveal that pollinator exposure to pesticides varies across biological compartments and crop surroundings. Laurent et. al. (2024), Science of the Total Environment (4th author)

https://doi.org/10.1016/j.scitotenv.2024.172118

PROFESSIONAL EXPERIENCE

September 2022 – September 2024
Biostatistician
IT&M Stats – L'Oréal • 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.

March 2022 – September 2022
Internship - Evaluation of the performance of cosmetic products
Chanel • Paris, France
- Data management: creation of a clinical results database.
- Data visualization, descriptive statistics, structural equation models.

September 2020 – January 2021
Internship - Modeling for the sustainable management of root-knot nematode populations
INRAE • Sophia Antipolis, France
- Improvement of the compartment model developed by the previous doctoral student.
- Development of an R Shiny web interface.

EDUCATION

2019-2022 | MSc Data Sciences for Biology
Institut Agro • Rennes, France
Main courses: Factorial analysis, machine learning, computer science, economics, statistics applied to perception data.

2017-2019 | Diploma in Technological Studies, Biological Engineering, Agronomy option
IUT d'Avignon • Avignon, France
Main courses: Statistics, bioinformatics, genetics, plant, and animal biology.

2017 | Scientific Baccalaureate with a specialization in mathematics
Lycée Jules Ferry, Cannes, France
Graduated with honors.