

BAPTISTE TIVRIER

MASTER'S IN DATA SCIENCE

PERSONAL PROFILE

I am currently in my third year of a Bachelor's degree in Data Science at IUT Paris - Rives de Seine in France. I wish to pursue a Master's degree to deepen my skills in data analysis and modeling, machine learning, statistics, and programming.

My goal is to broaden my skills and gain an in-depth understanding of the applications of data science, while also developing my ability to adapt to technological advancements in the field.

IDENTITY

 Savigny-sur-Orge, France

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 [Portfolio](#)

 Driver's License

 [LinkedIn](#)

EDUCATION

BUT Science des Données (Ex - Statistique et Informatique Décisionnelle)

2022 - 2025 (Currently in 3rd Year)

- [IUT Paris - Rives de Seine, Paris](#)
- Visualization and Design of Decision-Making Tools Specialization

Equivalent to a 3-Year Technological Bachelor's degree in Statistics and Business Intelligence

Subjects : Statistics, Mathematics, Probability, Statistical Programming, Data Exploration and Analysis, Databases, Web Technologies and Applications, Reporting and Visualization, Business Intelligence Systems, Survey Methodologies, Scoring, Big Data, ...

Baccalauréat Général - Spécialités Mathématiques et Physique-Chimie (Section Européenne)

2021 - 2022

- [Lycée Jean Baptiste Corot, Savigny-sur-Orge](#)

Equivalent to a French High School Certificate majoring in Mathematics & Science, with Honours and European Section (English & Mathematics)

Subjects : French, Mathematics, Physics-Chemistry, Life and Earth Sciences, English, Spanish, History-Geography, Philosophy, Physical Education and Sports, Numerical and Computer Science, Economics and Social Sciences

SKILLS

Statistics and Business Intelligence

- Querying, Management, Structuring, and Processing of Databases, Automation of Processes, Web Data Collection, Data Mining
- Statistical Analysis, Exploitation, and Modeling of Data, Survey Data Processing, Predictive Modeling
- Linear Algebra, Bivariate Hypothesis Testing, Time Series Forecasting
- Statistical Programming and Object-Oriented Programming
- Reporting, Data Integration and Visualization

Tools and Programming Languages

- SQL, NoSQL & Python (Spyder, Jupyter, Visual Code), HTML, CSS
- SAS, RStudio, RShiny, Tableau, Excel, Power BI, Dataiku
- Microsoft Office (Word, PowerPoint, Project), Canva

Cross-functional skills and languages

- French (Native), English (Intermediate), Spanish (Basic)
- Project Management with Organization, Precision, and Rigor
- Notions of Economics, Management, and Law
- Oral, written, and scientific communication
- Report Writing and Creation of Visual Aids
- Work Independently and/or in a Team

PERSONAL INTERETS

- Music :

Passionate about various music genres, particularly Pop, K-Pop, and Rap, I am especially a fan of groups like Stray Kids, IVE, and aespa. Singing also plays an important role in my daily life.

- Dance :

My interest in music and singing extends to dance, performances, and studying choreography. I often enjoy recreating and performing dances inspired by my favorite groups and artists.

- Volleyball :

Volleyball is one of my main passions. I started playing it in high school and then joined a club for 2 years. Although I stopped playing in the club, I continue to play for fun.

- Others :

I have other interests such as cooking and baking; manga like One Piece and Mob Psycho 100; team and adventure video games; graphic design and creation; walks and hikes; bodybuilding.

REFERENCES

Mr. François-Xavier JOLLOIS

Third-Year Data Science
Program Director | Data
Science Lecturer-Researcher

- francois-xavier.jollois@u-paris.fr
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Mr. Thomas FARGEAS

Statistical Surveys Pilot |
Apprenticeship Master

- thomas.fargeas@finances.gouv.fr
- 64 Allée de Bercy, 75012-Paris, France

WORK EXPERIENCE

Apprentice in charge of surveys with HR departments of ministries at the General Directorate of Administration and Public Service (DGAFP)

October 2023 - Now

- Contribution to the launch, monitoring, follow-ups, and checks of three annual surveys: recruitment through competitions, training, and the social database.
- Contribution to survey processing by participating in the development of tools in RShiny for tracking data collection progress, detecting anomalies, and calculating initial aggregates.
- Participation in managing functional email boxes and storage spaces related to these surveys.
- Participation in validating result tables.

PROJECT EXPERIENCE

Migration of a car model database from an SQLite format to a NoSQL format

September 2024 - November 2024 (3rd Year)

- Teamwork in pairs
- Creating SQL queries on the initial database using Spyder
- Thinking about the NoSQL data format to use
- Writing the Python script for migration between SQLite and NoSQL
- Creating queries in the new NoSQL format with MongoDB

Analysis of electricity production through solar energy in the United States between 2001 and 2022

September 2023 - January 2024 (2nd Year)

- Teamwork in pairs
- Studying and describing a time series with its components
- Utilizing specific R packages for time series analysis
- Establishing forecasting for past or future years
- Writing a final report of approximately 10 pages

Carbon footprint evaluation survey of members of the IUT Paris - Rives de Seine

November 2022 - January 2023 (1st Year)

- Teamwork of 5 individuals
- Drafting the questionnaire followed by inputting it into LimeSurvey
- Preparation and processing of the database using Excel
- Designing statistical analyses with graphs
- Oral presentation of results using PowerPoint