Romane LE GOFF

+33 608831762 | romane.le-goff@laposte.net | linkedin.com/in/romane-le-goff/ | github.com/romanelgff

TECHNICAL SKILLS

Programming: R (RShiny), Python (Matplotlib, Bokeh, Tensorflow, sklearn), SAS, SQL, XML
Data Science Algorithms: Classification (Naïve Bayes, KNN, SVM, Decision Tree, Random Forest), Regression (Linear, Multiple Linear, Ridge, Lasso), Clustering (K-Means, Hierarchical), Deep Learning (RNN)
Public policy: Policy analysis (Experimental economics, Micro-econometrics), Decision making (Cost-Benefits Analysis), Game theory, Content writing
Software: LaTeX, Office package, Elasticsearch

EDUCATION

Université de Rennes 1 - ENSAI   Rennes, France
Master in Applied Statistics : Public Evaluation & Decision Making   *Sept 2020 – Expected to graduate in 2022*
- European Master in Official Statistics

University of Plymouth   Plymouth, United-Kingdom
Mathematics and Economics BSc., Year 3 (Erasmus)   *Sept 2019 – May 2020*

Université de Bretagne Occidentale   Brest, France
Mathematics and Computer Sciences Applied to Human and Social Sciences BSc., Year 1 & 2   *Sept 2017 – May 2019*
- Mention "Bien" - *Equivalent to 2:1 honours*

EXPERIENCES

Data visualisation internship   26/04/21 – 23/07/21
Atlantic Maritime Prefecture   *Brest, France*

- Created automated dashboards for the Commander of the Defence Base and for the Social Action of the Armies (ASA) with R Shiny and Elasticsearch, which became to be a great asset in their day-to-day work.
- Carried out a study using ASA data that determined the best location for the construction of a marine nursery on the Lorient city basin, while highlighting the main familial trends in the area.
- *modules used in R: RMarkdown, Shinydashboard, plotly, ggplot2, RAmCharts, leaflet*

Management control internship   Jan 2019
Joint Mobility Support Centre (CIMob)   *Brest, France*

- Two-week internship where I surveyed the CIMob employees in order to draw a cartography of the indicators generated daily by the management controllers. (softwares used: Excel, Powerpoint, Word)

PROJECTS

Academics | *R-Python*   2020-2021

- Bokeh application tracing the evolution of weightlifting competitions (1960-2016). (GitHub). *Made with Python*
- Web application designed for fully interactive data visualisation, mapping, graphing and statistical tables on deliveries and stocks of COVID-19 vaccines at the beginning of 2021. (Vaccins-COVID19). *Made with RShiny*
- Analysis of the voting patterns of the Rennes constituencies using clustering methods and 2019 European election data in Rennes. *Made with R and RMarkdown*

Personnal | *Python*   2021

- Creating Conventional Neuronal Networks that classify and label images from 16,000 coloured images in order to split them into 3 main categories and 17 subclasses. (GitHub) Conducted in the frame of an online course (365DataScience). *Made with Python (Tensorflow)*

ABOUT ME

Languages: French (native language), English (C1), Spanish (B1), Italian (A2)
Unique experiences: Participated in the 2020 BUCS Cross Country Championships in Edinburgh