

# François Delavy

[francois@delavyz.com](mailto:francois@delavyz.com) – (617)-397-8345 – [linkedin.com/in/francoisdelavy](https://www.linkedin.com/in/francoisdelavy) – <https://delavyz.com/>

---

## SUMMARY

Data Analyst and Data Visualization Specialist with a background in neuroengineering and 5+ years of work experience in data analysis, strategy support, and project management. Thriving in interdisciplinary and collaborative environments. Eager to build data-driven products that benefit society.

---

## SKILLS

**Computing Languages:** R, Python, SQL (PostgreSQL, Transact-SQL)

**Data Science:** data wrangling, hypothesis testing, statistical modeling, experimental design, predictive analytics, Google Analytics, classification, clustering, natural language processing, text mining, network analysis, web scraping, machine learning

**Favorite Packages:** Pandas, Numpy, Scikit-learn, Pytorch, Scrapy, Spacy, Tidyverse, Tidytext

**Data Visualization:** ggplot2, Shiny, Tableau, Google Data Studio, Datawrapper, Flourish, Excel, Affinity Designer, Inkscape, ArcGIS, Highcharts, PowerBI

**Project:** user research, user-centered design, coordination, presentation, planning, Git, Asana, Trello, Miro, Slack, Google Suite, PowerPoint

**Languages:** English, French, German

---

## EDUCATION

### Thinkful

*Data Science Program* 2019

- Completed an intensive data science program that focused on Python, mathematical tool-sets, statistical analysis, and big data techniques including machine learning.

### Swiss Federal Institute of Technology Lausanne (EPFL)

*Master of Science MSc in Life Sciences & Technology* 2011 – 2013

- Specialized in neuroscience and visual perception.

*Master project, Humboldt-Universität zu Berlin, Germany* 2012 – 2013

- Used statistical modeling to understand the role of attention in the response of the brain to visual stimuli.

*Bachelor in Life Sciences & Technology* 2006 – 2011

- Life sciences with an engineering approach. Extensive training in mathematics, physics, and computer science.

---

## WORK EXPERIENCE

**Data Analyst and Visualization Consultant** 2020 – Present  
*Delavyz* Washington, D.C.

- Helped my clients discover and communicate what's hidden in their data.

**Project Lead** 2019 – Present  
*Code for America* Boston, MA

Code for Boston addresses local social and civic challenges through creative uses of technology.

- Co-led the *Safe Water* project, a team of 15 consisting of user experience researchers, designers, data analysts, data scientists, and other developers.
- Helped a non-profit organization deploying a predictive model, as well as managing, visualizing, and communicating their data with the public and their stakeholders.

**Scientific Collaborator (Data & Research Analyst, Project Manager)** 2014 – 2018  
*Swiss National Science Foundation (SNSF)* Bern, Switzerland

Being a member of both the Data Science and Strategy Support team, my work was highly collaborative and interdisciplinary, including project management, data analytics, strategy, and science policy.

- Produced data analyses at the destination of the higher management aiming at informing their decisions and for quality control (e.g. [Identification of potential gender biases](#) in the funding of researchers led to the decision of introducing gender equality training for the evaluators).
- Designed effective visualizations for presentations, reports, and dashboards, to convey findings to audiences with varying degrees of visual and statistical literacy.
- Led a team of 5, from the communication, business, and IT departments to build the [open government data portal](#) of the SNSF, with the aim to share data and communicate through visualizations.
- Drew up the [service-level agreement](#) about financial resources between the SNSF and the federal authorities (~\$1bn/year), as well as the performance indicators and yearly monitoring reports.

---

## PERSONAL PROJECTS

**Swiss Anti-Racist Penal Norm** – [https://github.com/de-la-viz/racism\\_ch](https://github.com/de-la-viz/racism_ch) Ongoing

- Made the decisions and judgments relating to the anti-racist penal norm available to the public in a structured form, using web scraping. The data will then be analyzed and visualized with the aim to inform the public debate on racism in Switzerland.

Find more personal projects on my portfolio website: <https://delavyz.com/project/>