

Pierre BAUVIN

Data scientist, PhD

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Profil

I am eager for ambitious challenges in data, statistics and machine learning fields.



Education

ENSIMAG
Master of Engineering -
Diplôme d'ingénieur
(Grande École - Institut
Polytechnique de Grenoble)
2012-2015, Grenoble

KAIST
(Korean Advanced Institute
of Science and Technology)
2015, South Korea

Preparatory classes MP*
2009-2012, Faidherbe, Lille



Technical skills

- R
- Shiny
- Python
- Git/Github
- All pack Office
- Knowledge in SQL, C
- French (native speaker)
- English (fluent)



Defining attributes

- Advanced analytic skills
- Strategic thinking
- Presentation enthusiast
- Resourceful team player



Work Experience

Data scientist for R&D

Lille Hospital, INRIA and SOPHIA (IMI European project)
Feb 2021 – now, Lille

- Identify business needs during international meetings
- Implement benchmarks for prediction tasks
- Multiple data type: clinical, multiomics, longitudinal
- Tools: decision trees, random forests, XGBoost, mixed models, unsupervised clustering
- Carry out operational phase
 - Quality assurance process
 - Reproducible and shareable code
 - Design to deploy in production
- Supervision and mentoring of interns

Biostatistician engineer and PhD

Collaboration INSERM, Lille Hospital and Sanofi
July 2016 – Jan 2021, Lille

- Development of expert system for modelling and prediction of liver diseases
- Big Data in health: National Health Data System (SNDS)
 - Processing and analysis of Big Data
 - SNIIRAM & SNDS accreditation
- Communication with experts: clinicians and industry
- Exploitation of results: conferences and production
- Formations:
 - Causality – Harvard online class
 - AI for Health school – Health Data Hub
 - Fairness in Machine Learning - INRIA

Data scientist consultant

Quinten France
Sept 2015 – Apr 2016, Paris

- Data analysis: selection, implementation and use of machine learning algorithms
- Data visualisation, valuation: presentation of results and outreach in business language

To find out more

