

NICOLAS THIEBAUT

Data scientist

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PROFILE

Highly organized and efficient data scientist with expertise in data analysis, machine learning, natural language processing and programming. Innovative and capable of developing new solutions and interpretations. Strong communication skills, able to share complex concepts and insights clearly.

EXPERIENCE

Data Science Consultant

APRIL 2015 – PRESENT

Quantmetry

Data analysis and structuring. Predictive models implementation on small and big data architectures. Dozen of missions in various sectors: insurance, healthcare, telecommunications, web, music industry, public sector.

Most relevant experiences:

- **Customer emails topic mining and sentiment analysis** for an insurance.
- Deep learning based **ChatBot** modeling and implementation.
- **Fraud detection** in weblogs with unsupervised learning algorithms (PCA, k-means).
- **Optimization of marketing call centers** with machine learning based propensity scores for an insurance.
- *Teaching*: MOOC on **Big Data** (EIVP) and lectures on **Deep Learning** (UTT).

EDUCATION

- 2011-15 **LPS, Paris-Sud University**
DOCTORATE
Theoretical Physics
- 2009-11 **Ecole Normale Supérieure, Paris**
MASTER 2
Condensed Matter Physics
- 2005-08 **Paris-Sud University**
LICENCE
Mathematics, Computer Science and Physics

SKILLS

- Machine learning** Regression and classification methods, tree-based algorithms, clustering, deep learning, natural language processing, Kaggle.
- Computer Science** *Languages*: Python (pandas, sklearn, NLTK, tensorflow), R, SQL, MongoDB, WebDev.
Tools: Hadoop, Spark, Docker, Amazon Web Services, Google Cloud Platform.
- Soft skills** Presentation and reporting, workshop facilitation, small team management, teaching.
- Languages** Fluent English, basic Spanish and Italian.

HOBBIES

- Piano** Studied, taught and played in bands (jazz, latin).
- Sport** Soccer, Marathons.
- Reading** Novels, history of science, economics.