

Thibaud RYDEN

Data Scientist

Fluent in Spark, SQL, Python and R



Paris
27 years old
thibaudryden.com

WORK EXPERIENCES

- 2015 – present **Data Scientist**, AXA France, Digital Marketing and IT
Web leads conversion rate optimization on axa.fr (full project from raw data to production)
Volume: hundreds of gigabytes of data (DMP, web logs, call center, CRM, external data)
Data Management and **Cleaning** using Spark (1.3 and 1.5), Hadoop (Cloudera CDH 5.4)
Machine Learning (MLlib and sklearn)
Smart recruiting: **predictive modelling** using R, communication using Shiny apps
Project Management related to Big Data and Data Science projects
Business Development: in charge of developing the data science services for Axa France
Recruitment of the Big Data developers and Data scientists
Training the teams in Big Data and Data Science
Consulting: helping other Axa entities
Development of the Axa France Data Science community
- 2014 – 2015
18 months **Data Scientist Consultant**, CGI Business Consulting
Lead Data Scientist Digital Marketing - ENGIE (GDF Suez)
Data discovery crossing internal and external data to enhance customer insights
Testing technologies to acquire and analyze data (Hadoop, Aster Data, Teradata, MongoDB)
Data analysis and **machine learning** on use cases such as customer web browsing behaviour and customer reviews analysis (NLP, frequent pattern, Trees, SVM) using R, Python, TIMi suite
Data storytelling and **communication** to marketing directors and data miners (D3, Shiny)
POC Big Data-La Banque Postale- Developpement of a web application for data visualization
Web application (Node.js, Mongo DB, Angular.js and D3.js)
Data visualization using D3.js (basic charts and more advanced layouts)
- 2012 – 2013
1 year **BI Analyst and Assistant project owner (apprenticeship)**, Orange Business Services, Paris, France
Data analysis for clients using Teradata sandbox,
Professional thesis: Study of BI and Big Data technologies, proposition of solution based on interviews and readings (**congratulation from the jury**)
- 2011
2 months **BI Software Developer**, CegedimRM Global Operation Business Intelligence, France
Software Developer: Batch scripts, SQL and PL/SQL procedures

EDUCATION

- 2008 – 2013 **Advanced Master 's degree in Business Intelligence** 2012-2013
Grenoble Graduate School of Business, France
- Master's degree in Engineering and Computer Science**
Engineering school in Information Technology, (ESIEA), France
- Semester abroad**
Concordia University, Canada and Glyndwr University, United-Kingdom

SKILLS

- Data Science **Big Data:** Spark (v1.3, v1.5) Spark training by Databricks, Hadoop (HDFS, Pig, Hive), Aster Data
MOOC : More than 20 courses on Big Data and Data Science (Coursera, Stanford, EDX)
NoSQL: Mongo DB (**M101 certification**), Neo4j (test), Cassandra (test)
Machine Learning / Data mining: R, Python (sklearn)
- Programming **Strong abilities** in Python, SQL, web scraping, bash/batch, JavaScript, D3.js, Java, C
- Languages **English :** Fluent (TOEIC 965) **French** mother tongue
Mandarin Chinese : intermediate **Spanish :** intermediate (B1/B2)

INTERESTS

- Sports **Track & Field** (competitions, 4h/week), **swimming** (6km/week), **yoga** and ESIEA's Hand-ball coach
- Travels **Studies** (UK, Canada), **sports** (Europe, Canada) and **sightseeing** (Asia, South America and Caraïbes)