

Estelle Rambier

Data Enthusiast

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Relevant Projects and Experiences

2019

Data Scientist, *Exact Cloud Development*, February 2019 - Current.

- Design new features that make bookkeeping easier and less time consuming
- Descriptive, predictive and prescriptive analytics to support customers in their data-driven day-to-day decisions

2018

2019

Data Scientist Junior, *Jugaad Analytics*, February 2018 - January 2019.

- Develop a data analytics assistant chatbot from scratch in Python : GUI (pyqt5), NLP (nltk)
- Extract business value out of engineering data : cleaning the data, building a featuring and predicting engineering failures with machine learning algorithms (NumPy, pandas, sklearn)
- Time Series analysis for predictive maintenance of industrial component

2017

2018

Data Science Internship, *NP6*, 8 months.

- Built a churn model : extracting data from Elastic Search, filter with map reduce, building a featuring and using the team tools in JAVA to tune the models.
- Built a real-world recommender for Cdiscount in a production level : extraction from Elastic Search, then storage on Hadoop, then filter (map reduce in JAVA), then data modeling (JAVA), model selection and finally model deployment on ES.
- Implemented a confidence interval for ABn testing sample size

2016

Challenge Open Bikes, *Kaggle-like national competition*, landed 4th out of 50.

- Cleaned messy dataset, found strategy to handle missing values
- Dug into deep data analytics : extract relevant insights for building a creative featuring
- Time Series of number of bikes per station prediction (SARIMA)
- Chose right metrics and avoiding overfitting by validation and regularization (Scikit-learn)
- Innovated with meta models to reach the top of the leaderboard

Core Skills

Coding : Proficient in : R Python \LaTeX JAVA
Familiar with in : SQL Elastic Search Git Scala

Technical : Machine Learning : *Unsupervised and supervised learning (clustering, regressions, model regularization).*
And familiar with : *Deep neural nets, convnets, recurrent neural nets with TensorFlow : NLP task*
Mathematics : *Multivariate calculus, Time Series, PCA, Hypothesis testing, metrics and KPI*

Languages : English ● ● ● French ● ● ● Dutch ● ● ● Spanish ● ● ●

Education

2015
2017

Master Degree in Applied Mathematics specialized in Statistic and Stochastic Modeling,
University of Bordeaux.

Bachelor Degree in Mathematics, *University of La Rochelle.*

Interests

Sailing : *Vice European Student inshore Champion 2014, Rolex Fasnet Race Finisher 7th (offshore sailing race), ISAF Certificate of Marine Survival (MACIF Centre de Voile), Sailing instructor, Windsurfing*

Cooking : *Traditional French and Italian food, Healthy lifestyle*