

Benoit Michelin

Data Scientist

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Profile

I enjoy solving business problems with the help of data, automation, and building machine learning models. With a background in Finance, I transitioned to the tech world. I now code data products with Python, build ETL pipelines from the database with SQL to the training and tuning of machine learning models. I Then deploy them with Google Cloud and Kubernetes. I believe my biggest asset is my ability to grasp concepts quickly and my dedication to learning. I value a collaborative, inclusive, and positive team culture.

Education

Data Science Bootcamp, Le Wagon

2021 – 2021

- Data Analysis: Inspecting, cleaning, and transforming data using Python, Pandas. Querying database with SQL. Creating visualizations with matplotlib, and Seaborn.
- Machine learning: running supervised, unsupervised, and deep learning models, optimizing their parameters through cross-validation tests. Using libraries such as Sklearn, Tensorflow, or Pytorch.
- Data engineering: Creating Python packages, pipelines and building web app deployed on Heroku or Google Cloud with Docker and Kubernetes.

Professional Data Scientist Certificate, DataCamp

2021 – 2021

- Completed a series of 20+ courses that covered primary areas of data science such as data management, model development, exploratory analysis, coding for production, and statistical experimentation.

Web development Bootcamp, Le Wagon

2019 – 2019

- Intensive coding bootcamp learning HTML, CSS, Bootstrap, JavaScript ES2015, SQL, git, GitHub, Heroku and Ruby on Rails.
- Designed, implemented and shipped to production a clone of AirBnB and a Rails prototype.

Master Management Corporate Finance, EM Lyon Business School

2014 – 2018

- Economics: Statistics, Macroeconomics, Microeconomics.
- Finance: Corporate Valuations, Bond Markets, Financial Diagnosis, Treasury Management.

Certificates

Python 3 Programming [🔗](#) (University of Michigan), **Data Analyst with Python** [🔗](#) (DataCamp - 16 courses), **Google analytics individual certification** [🔗](#) (Google), **Javascript and data structures** [🔗](#) (FreeCodeCamp)

Experience

SkillUp, Growth Developer [🔗](#)

2016 – 2017

- Established the customer data onboarding process in 6 months. Developed a scrapping pipeline reducing the time spent on onboarding from hours to a few minutes.
- Monitored and improved the quality of the training catalog data. Generated weekly sanity checks in order to update, create or delete outdated data. The data is now always up to date.
- Created and developed the entire onboarding process for companies from scratch.

Labo-France, Cost accountant - Internship [🔗](#)

2014 – 2014

- Improved cash management by collecting data, analyzing, and structuring reports on business costs. The reports were successfully implemented to reduce the costs by 10% of a business line.

Projects

Food to Wine

Built a web app that receives an image as an input and predicts a recipe and pairing wines. Used a Word2Vec model, a pre-trained image recognition model from Facebook AI, and hosted it on Google Cloud.

What Waste

Built a computer vision model in order to recognize different types of waste. Trained a VGG16 model with custom layers in order to classify a picture into 6 categories.

Diving signs

Created a computer vision model in order to detect the different diving signs with a custom dataset. It uses TensorFlow and OpenCV in order to capture the video streaming.

All the detailed projects are available on my portfolio: <https://bensides.com/> 