

Marc Garcia

<https://datapythonista.me>

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Data scientist and data engineer / 14 years experience in Python / pandas core developer

Experience

- 2018-2019 **Contractor senior data scientist**, *Tesco*, London.
(1.5y) Supervised machine learning and optimization applied to pricing.
Technologies: Python, pandas, pyspark, sklearn, pulp
- 2017 **Senior data scientist**, *Badoo*, London.
(1y) Predictive models for digital marketing and fraud.
Technologies: Python, pandas, scipy, sklearn, bokeh, datashader
- 2016 **Contractor data engineer**, *Bank of America Merrill Lynch*, London.
(6m) Development of data pipelines for the middle office.
Technologies: Python, Quartz
- 2015-2016 **Lead data scientist**, *Logitravel*, Mallorca.
(2y) Leading a team of 3. Digital marketing campaign optimization for hotels.
Technologies: Python, pandas, sklearn, bokeh.
- 2012 **Lead Python developer**, *NTT Communications*, Barcelona.
(1y) Leading a team of 4. Building a platform to manage hosting infrastructure.
Technologies: Python, Django, MySQL.
- 2005-2013 **Contractor Python developer**, Barcelona.
(8y) Main projects:
 - **Unilever** Application for hospitality section sales force.
 - Technologies: Python, Django, JavaScript.
 - **Caixabank** Website to manage school visits to museums owned by the bank.
 - Technologies: Python, Django, JavaScript.
- 2001-2005 **Software developer, consulting**, *Azertia and SBD Technologies*, Barcelona.
(4y) Software developer and team lead for various projects, mainly in the banking sector.
 - Technologies: Visual Basic, C++, MS SQL Server, Cognos.

Education

- 2014 **International Master in Finance**, *EADA Business School*, Barcelona.
- 2013 **Master in Artificial Intelligence**, *UPC*, Barcelona.
- 2011 **Computer Engineering**, *UOC*, Barcelona.

Languages

Fluent in English, Spanish, Portuguese and Catalan

Professional development

- 2012 **Introduction to computational finance and financial econometrics**
Coursera (University of Washington), 10 weeks
- 2012 **Introduction to Finance**, Coursera (University of Michigan), 10 weeks
- 2012 **Introduction to Statistics**, Udacity, 7 weeks
- 2012 **Machine Learning**, Coursera (Stanford University), 10 weeks
- 2011 **Introduction to Artificial Intelligence**, Udacity, 10 weeks

Computer skills

Programming Python, Git, bash, CI/CD, TDD, Scrum

Data tools pandas, scikit-learn, matplotlib, bokeh, gensim, pyspark

Talks

- 2019 PyData NYC. Introduction to pandas tutorial.
- 2019 SciPy LatAm, Bogota, Colombia. The pandas of the future.
- 2019 PyLondinium, London. Breaking pandas.
- 2019 PyCon Italy, Florence. pandas ecosystem 2019.
- 2018 PyCon India, Hyderabad, India. Data science workshop.
- 2018 EuroSciPy, Trento, Italy. pandas tutorial.
- 2018 PyData London meetup. Towards pandas 1.0.
- 2018 PyData London. Demistifying pandas internals.
- 2017 Data visualisation summit, London. Data visualization in Python.
- 2017 ODSC Europe, London. Bayesian A/B testing.
- 2017 PyConPL, Ossa, Poland. Finding love in the age of big data.
- 2017 EuroPython, Rimini, Italy. A gentle introduction to data science.
- 2016 PyData Madrid. Understanding random forests.
- 2016 PyData Amsterdam. CART: Not only classification and regression trees.
- 2015 PyBCN, Barcelona. High Performance Python.

Miscellaneous

- 2020 Organizer of the Open source dataframe summit, Berkeley, USA.
- 2019 EuroSciPy co-organizer.
- 2019 Organizer of the European pandas summit, London.
- 2018 Organizer of the worldwide pandas documentation sprint.
- 2017–now NumFOCUS ambassador.
- 2017–now Founder and organizer of the London Python Sprints meetup.
- 2016 Founder and organizer of the PyData Mallorca meetup.
- 2009 Google Summer of Code Scholar: Django localization improvements.