

Juan Martín Elorriaga | CV

San Benito de Palermo 1651, Palermo, CABA, July 7, 1994, CP: 1426

✉ juanmartin_elorriaga@hotmail.com

🌐 www.linkedin.com/in/juanmartinelorriaga478741117/

Graduate in Economics (UBA). Present job: Data Scientist (Mercado Libre). Core skills: quantitative analysis, languages, statistics, applied mathematics, programming, databases, machine learning.

Work Experience

- **Mercado Libre** **Polo Dot, CABA**
Data Scientist *June 2020–To date*
 - Create, develop and implement new and scalable solutions for business problems related to fintech, based on statistical techniques, Data Science and Machine Learning.
 - Investigate and disseminate the state of the art in algorithms applied in the fintech sector and carry out studies based on the scientific method, which include the entities that comprise it.
 - Getting, processing and analyzing large volumes of data from various sources and extract insights of interest.
 - Design, train and evaluate Machine Learning models capable of adapting to complex production environments and establish the best software development practices, in order to ensure efficient and automated processes.
 - Participate in meetings with different stakeholders, interpret the requirements and provide visualization tools that simplify communication with interlocutors, both technical and business.
 - Interact with the engineering teams when deploying, monitoring and maintaining the models in production, guaranteeing an excellent work environment.
 - *Languages & programs: R, SQL, Python, Teradata*

- **Practia Global** **San Martín 550, CABA**
Data Scientist *November 2019–June 2020*
 - Collaborate in identifying opportunities to apply data science and advanced analytical techniques that add value to YTEC clients.
 - Solve business problems to improve decision-making, by developing models where effective data science techniques (machine learning, data mining, statistics) are applied, working together with technical leaders in the area, data engineers and specialists. of business.
 - Execute an efficient and scalable life cycle for the development, validation, implementation and monitoring of data science models.
 - Design and build visualisations to present the results of the built models, allowing conclusions to be drawn quickly.
 - Communicate the results obtained to business users in a clear and accessible language.
 - Participate in agile and multidisciplinary work teams, promoting complementation of views on technical challenges and the transversal articulation of capacities with other areas.
 - Keep updated with the latest trends and practices regarding data science.

- **GroupM** **Arévalo 1880, CABA**
Lead Data Scientist *February 2019–November 2019*
 - Create and maintain an automated daily workflow to the rest of my colleagues from mPlatform (GroupM).
 - Execute the common practices of Data Science and Data Engineering, achieving solutions that obey the expectations of the agencies as well as clients of GroupM, and contribute the expected value.
 - Develop statistic reports related to the existing labor force in GroupM, serving as a base for future decision making related to this topics.
 - Implement REST APIs to improve data accessibility to several digital platforms
 - Increase the potential of current worksheets developing Python and Visual Basic Macros
 - Person in charge of contact with agencies in the USA and Colombia, as well as other software providers for possible new technologies
 - Create visualisations for oral presentations to other agencies as well as internal data
 - *Languages & programs: R, Python, SQL, Advanced Excel (VBA), Power BI, Google Analytics, Google Data Studio*
 - Lead of data team. People in charge: 5

- **National Institute of Statistics and Censuses (INDEC)** **Azopardo 451, CABA**
Technical Analyst *May 2018–Feb 2019*
 - Machine Learning: K-nearest neighbors, Boosting & Bagging algorithms, Random Forests, Classification, Regression and Clustering for Missing Value Imputation (R) and predictive models based on EngHo poll.
 - Database Control and Manipulation (SQL - NoSQL)
 - Complementary work along with Statistics Department and EPH.
 - Reports review and automation (Python - Power BI).
 - Back Office.
 - *Languages & programs: R, SQL, Python, advanced Excel, SPSS, Power BI, Power Point.*

- **University of Buenos Aires** **Buenos Aires**
Teaching assistant ad honorem *January 2017–December 2017*
Subject: Statistics II. Professor in charge: Tito Lasanta

- **Autonomous** **At home**
Private professor *February 2015–To date*
Undergraduate and graduate students. Subjects: Statistics I,II. Calculus I,II. Algebra and Probability. Microeconomics and Game Theory.

Education

- **University of Buenos Aires (UBA)** **Buenos Aires**
Master in Data Mining and Knowledge Discovery *To date 2020 - 2022*

- **University of Buenos Aires (UBA)** **Buenos Aires**
Graduate in Economics, Cum Laude Diploma *July 2013–November 2017*

- **FASTA Miguel Angel Tobares** **San Martín de los Andes**
Secondary degree in Economics and Business Administration, GPD: 9.5 *March 2008–December 2012*

Languages

- **Spanish:** *mother tongue*
- **English:** *advanced level*
First Certificate of Cambridge: level A
TOEFL exam: 109/120
Technical English I,II,III (INSPT)
- **Portuguese:** *advanced level*
Certificado da Casa do Brasil, nivel I,II.
- **Chinese:** *basic level*
University of Buenos Aires (UBA), level IV
HSK Certificate: level II
- **French:** *intermediate level*

Computer knowledge

- **Statistics and programming languages:** R, SPSS, Python, PySpark, Julia, Scala
- **Data Visualization:** Power BI, Tableau, Ggplot, Seaborn, Bokeh, Graphana, Google Data Studio, L^AT_EX
- **Databases:** SQL, Teradata, MongoDB, Neo4j, Metabase, Access
- **Excel:** PowerQuery, PowerPivot, VBA
- **Operative System:** Windows, Linux Adm., MacOS
- **Website:** Javascript, Google Analytics, HTML.

Conferences and Courses

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| ○ Yonsei University | Coursera |
| ○ Course: <i>"Spatial Data Science and Applications"</i> , | <i>August 2020</i> |
| ○ National Research University Higher School of Economics | Coursera |
| ○ Course: <i>"Bayesian Methods for Machine Learning"</i> , | <i>February 2020</i> |
| ○ National Research University Higher School of Economics | Coursera |
| ○ Course: <i>"Introduction to Deep Learning"</i> , | <i>January 2020</i> |
| ○ IBM | Coursera |
| ○ Course: <i>"Fundamentals of Scalable Data Science"</i> , | <i>January 2020</i> |
| ○ Educación IT | Buenos Aires |
| ○ <i>Data Analytics and Visualization</i> , | <i>February 2019</i> |
| ○ University of Buenos Aires (UBA) | Buenos Aires |
| ○ <i>Big Data: Applications with R</i> , | <i>Daniel Aromi, 2019</i> |
| ○ University of Buenos Aires (UBA) | Buenos Aires |
| ○ <i>Quantitative Analysis with R</i> , | <i>Martin Masci, 2019</i> |
| ○ Tres de Febrero University | Buenos Aires |
| ○ <i>R Programming Fundamentals: Data Mining and Descriptive Analytics</i> , | <i>February 2019</i> |
| ○ IT Education | Buenos Aires |
| ○ <i>Analysis and Design with SQL Server</i> , | <i>October 2018</i> |

- **IT Education**
Programming Fundamentals with SQL Server,
- **IT Education**
Introduction to Databases and SQL,

Buenos Aires
September 2018

Buenos Aires
August 2018