

Manuel Borja López-Peláez

*MSc of Statistics and Data
Science*

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Education

- 2019 - 2021 **MSc of Statistics and Data Science**, *KU Leuven*, Magna cum laude.
○ Master Thesis: Probabilistic classification of kidney transplant biopsies using mixtures approaches
- 2013–2018 **Bachelor of Physics**, *Universidad Complutense*, Madrid, .
- 2015–2016 **Erasmus Year Abroad**, *Univeristy of Leeds*, Leeds, .
Third year of the degree coursed abroad in the UK

Experience

- Oct 2021 - **PhD Student, Bioscience Engineering**, *KERMIT*, UGent.
Development of an expert system for tablet formulation optimization
- July 2020 - **Research Intern**, *Bristol Myers Squibb*, Braine l'Alleud.
Sep 2020 Research project on methods for indirect comparisons in single arm trials
○ Development of guidelines for internal use;
○ Creation of an R library for application of the methods.
- Feb 2018 - **Consultant**, *Management Solutions*, Madrid.
Sep 2019 Market Risk in financial institutions.
○ Risk model validation for market risk;
○ Tools for statistical modelling;
○ Regulatory review.
- July 2017 - **Intern**, *Management Solutions*, Madrid.
Dec 2017 Development of pricing models

Languages

Spanish Native tongue

French Intermediate

Dutch Beginner

English Advanced

CEFR: B1.1

TOEFL 109: Reading 29 Listening 29 Speaking 24 Writing 27

Computer skills

Programming SAS, Python, R, Matlab, Spark

Operating Systems Linux, Windows

Databases SQL

Visualization tools Power BI, d3, Tableau

Certifications

Base Programming Using SAS 9.4

Certificate ID: DHZYGYP121F41DSB