

# Xavier Vivancos García

DATA SCIENCE ENTHUSIAST | TEACHING ASSISTANT @ UOC | KAGGLE GRANDMASTER

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## Some information about me

- 2+ years of experience within Business Intelligence
- Hard-working person with problem-solving skills, responsible, self-taught, curious, quick learner and always eager to keep improving
- Interested in Data Science projects. I enjoy analyzing and translating data points to business insights. In particular, highly interested in Sports Analytics
- Passionate about Data Storytelling and Kaggle addict. Please, check my **portfolio**
- Love basketball and video games

## Employment

### Capgemini

Sant Cugat del Vallès, Catalonia, Spain

BUSINESS INTELLIGENCE ANALYST AT HP INC.

February 2019 - Present

- Translating business needs into technical specifications
- Using data visualization tools to provide reports and dashboards
- Supporting and maintaining the current dashboards portfolio and process automation
- TOOLS: Power BI, SQL Server Management Studio, SSAS, SSIS, QlikView, Tableau, Microsoft Excel

### Universitat Oberta de Catalunya

Barcelona, Catalonia, Spain

TEACHING ASSISTANT

February 2020 - Present

- Giving support to the students in an introductory course of the Master's degree in Data Science: Data Types and Life Cycle (6 ECTS)
- The subject is divided into three large blocks: (1) Introduction to the data life cycle, (2) Web Scraping (R or Python) and (3) Introduction to data cleaning and data analysis (R or Python)
- You can find more information about the Master's degree at <https://estudios.u.c.edu/es/masters-universitarios/data-science/presentacion>

### Cronos Group

Barcelona, Catalonia, Spain

DATA ANALYST INTERNSHIP

June 2018 - October 2018

- Helping develop reports and analysis
- Identifying patterns and trends in data sets
- Reporting the results back to the relevant members of the business
- TOOLS: Tableau, PostgreSQL, Microsoft Excel

## Education

### Universitat Oberta de Catalunya

Barcelona, Catalonia, Spain

MASTER'S DEGREE IN BUSINESS INTELLIGENCE AND BIG DATA

October 2016 - July 2018

### Universitat Pompeu Fabra

Barcelona, Catalonia, Spain

BACHELOR'S DEGREE IN TELECOMMUNICATIONS ENGINEERING

September 2009 - July 2016

## Skills

### Soft Skills

PROBLEM-SOLVING, WILLINGNESS TO LEARN, WORK ETHIC, AUTONOMY, LOGICAL THINKING, DETAIL-ORIENTED, MULTITASKING, PERSEVERANCE, CURIOSITY, CREATIVITY, HUMILITY

### Hard Skills

DATA ANALYSIS, DATA VISUALIZATION, DATA MINING, PROGRAMMING, MACHINE LEARNING, BUSINESS INTELLIGENCE, MATHEMATICS, STATISTICS

### Programming Languages

R, PYTHON, SQL, MATLAB, DAX

### Data Visualization Tools

POWER BI, TABLEAU, QLIKVIEW

### Business Intelligence Tools

MICROSOFT SQL SERVER, SQL SERVER ANALYSIS SERVICES (SSAS), SQL SERVER INTEGRATION SERVICES (SSIS)

### Markup Languages

MARKDOWN, R MARKDOWN, LATEX

### Version Control

GIT, GITHUB

### Microsoft Office

EXCEL, WORD, POWERPOINT, OUTLOOK

## Honors & Awards

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### World Data Viz Challenge 2018 finalist

AJUNTAMENT DE BARCELONA

November 2018

- The main goal of the World Data Viz Challenge is to make visible through data visualizations the challenges of a smart city like Barcelona to be useful in the development of better public policies. The 10 best dataviz or infographics are selected among all the participants.
- My data visualization is available on the Open Data BCN portal: <http://opendata-ajuntament.barcelona.cat/en/finalistes-data-viz-kobe>

### Notebooks Grandmaster, Discussion Expert and Datasets Expert

KAGGLE

January 2019

- The Progression System is designed around four Kaggle categories of data science expertise: Competitions, Kernels, Datasets, and Discussion. Within each category of expertise, there are five performance tiers that can be achieved in accordance with the quality and quantity of work you produce: Novice, Contributor, Expert, Master, and Grandmaster.

### R package published on the Open Data BCN portal

AJUNTAMENT DE BARCELONA

March 2020

- R package to extract data from the Open Data BCN portal and load it directly into your RStudio environment. You can find my project at <https://opendata-ajuntament.barcelona.cat/en/histories-us>

### Data Mining Specialization with honors

UNIVERSITAT OBERTA DE CATALUNYA

July 2017

- Business Analytics: Models and Algorithms (10/10). Text mining, k-nearest neighbors algorithm, decision tree, random forest, k-means clustering, association rules, apriori algorithm.
- Data Mining: Concepts and Techniques (10/10). Confidence intervals, hypothesis testing, outlier detection, regression and correlation, PCA, ANOVA.
- Fundamentals of Data Science (10/10). Data life cycle, Twitter data capture, network analysis, graph theory, metrics and properties of networks, community detection, network visualization, introduction to ggplot2 and ggmap, infographics.

## Languages

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Skill	Spanish	Catalan	English
Reading	Native	Native	Advanced
Writing	Native	Native	Intermediate
Listening	Native	Native	Advanced
Speaking	Native	Native	Intermediate