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, self-taught, curious, fast 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 Developer 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
- Comparing data in different systems to ensure it is consistent (cross-system consistency checks)
- 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.uoc.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

World Data Viz Challenge 2020 finalist

Ajuntament de Barcelona · *November 2020*
- The theme of the dataviz should reflect any aspect of the reality or a problem related to the city of Barcelona in the framework of the Sustainable Development Goals that are aligned with the Strategy for the promotion of the Agenda 2030 in the city of Barcelona. The 5 best dataviz or infographics are selected among all the participants.
- The data visualization, made by Laura Navarro Soler and me, is available on the Open Data BCN portal: https://opendata-ajuntament.barcelona.cat/ca/world-data-viz-challenge-2020-barcelona-kobe-finalistes

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

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