



PATRICIO VILLANUEVA

ACTUARY / DATA SCIENTIST

PERSONAL PROFILE (LIVING IN MILAN)

I am a pro-active person, very good for teamwork, flexible, with great analytical capacity and high adaptability to changes. Someone who enjoys learning every day, sharing my knowledge and new challenges.

That is why I am always looking to get out of my comfort zone and thus be able to grow.

I have always had a passion for mathematics and technology. Therefore I try to combine these passions with my work. In addition, I seek to develop as a non-traditional actuary. Furthermore, I found my passion for analysing data and achieving an added value using them.

WORK EXPERIENCE

Data Scientist, Digital House

Buenos Aires, Argentina | Sept 2019 - Dec 2020

- In charge of the creation of a data lake and a data warehouse for all the flows of information (CRM, APIs, Internal systems).
- Ad-Hoc analysis with the purpose of generating business insights and KPIs for the new business.
- Automation of processes and reporting.
- Building Machine Learning models and deploying them through microservices using Flask and Docker.

Freelance Data Scientist

Buenos Aires | Jan 2019 - Aug 2019

- Data cleaning and product analysis for different customers.
- Dashboards development with the main KPI's of the business.

Jr Actuary, MetLife Argentina

Buenos Aires | Sept 2017 - Dec 2018

- Global Actuarial Modeling team and financial projections for LATAM region, where I developed complex statistical models.
- Performance projections of the products in each country belonging to the region.

Cook I, Deer Valley Resort

Park City, Utah, USA | Dec 2016 - March 2017

- Work and Travel Program

Lift Attendant, Wisp Resort

Mchenry, Maryland, USA | Dec 2015 - March 2016

- Work and Travel Program


Internship at the Engineering Faculty's lab, UBA, 2013.

Internship in Computer Science at the Faculty of Science's lab, UBA, 2013.


ABOUT ME

Age: 25 (Jan 03 1996)

Citizenship: Argentine and Italian.

 <https://github.com/pato0301>

CONTACT ME AT

 patricio0301@gmail.com

 https://www.linkedin.com/in/patricio-villanueva/?locale=en_US

 Via Enrico Cosenz 54, Milan,
Italy Zip Code 20158

 +39 389 0965740

SKILLS


Coding language: Python, SQL, JavaScript, C++ and VBA

Dashboard Tools: Power BI, Tableau

Postgresql, ETL, Git, Jupyter Notebook, SPSS
Microsoft Office, Node JS, Flask, Django, React,
ML Libraries (eg. scikit-learn, numpy, pandas,
XGBoost, Seaborn, TensorFlow), Linux

Pentaho Data Integration, Docker & Prophet

LANGUAGES

 English (Cambridge
Advanced Exam, Cambridge)

 English (IELTS 7.5, Cambridge)

 French (DELF B1 certificate,
CLE CIL certificate)

 Italian

 Spanish (Native)

 Knowledge of Latin.

HOBBIES & INTERESTS

- Yoga
- Sports: Particularly running & swimming
- Travel: Traveling to different countries to experience new cultures.
- Reading



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EDUCATIONAL HISTORY

University of Salvador

BSc. in Actuarial Science | March 2014 - April 2018

- Minor in Finances
- Award-winning thesis involved studying the European regulation for the financial and insurance industry and how could it be applied in Argentina.

Harvard University

CS50 Intro to Artificial Intelligence | April 2020 - July 2020

- Course on different algorithms for ML and AI

Harvard University

CS50 Course | Nov 2019 - March 2020

- Course on the fundamentals of Computer Science
- Final Project a Flask Web Application

Coursera, deeplearning.ai

Deep Learning Specialization | Aug 2020

- Course on Deep Learning and Neural Networks

Digital House

Full Stack Web | Apr 2020 - Sep 2020

- Course on Web development with Node js
- Express
- MySQL
- React

Digital House

AWS Cloud Architect | Sept 2019 - Dec 2019

- Course on AWS Architectures and tools for ML

Digital House

Data Science | Feb 2018 - Aug 2018

- Course on Data Science with Python
- Cleaning, processing and analysis of Data
- ML libraries
- Supervised and Unsupervised learning and NLP
- Final project: clustering comments on the Facebook page of the Buenos Aires City government on the different branches of the government, such as Health, Environment, Education, etc

High School ILSE, Buenos Aires, Argentina

Graduated in 2013