TOBIAS CANAVESI

Data Scientist, PhD Student

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in tcanavesi

PERSONAL PROFILE

I consider myself in love with mathematics and the Universe. I have a bachelor degree in Astronomy and I'm in the last year of my Ph.D. in theoretical physics. I also like technology (particularly Artificial Intelligence). I did Data Science courses and i have experience working in important projects across various industries. I'm a versatile person, capable of adapting to any task or problem to solve. I enjoy working with people from different areas because i think that multidisciplinary collaboration is key to the advancement of society. Some of my hobbies are playing and collecting retro games, programming, reading, and thinking about the future.

ACTUAL POSITION

Specialist Data Scientist
Accenture

📅 November 2021 – Ongoing   📍 Buenos Aires, Argentina

- Manage, architect and analyze big data in order to build data driven business insights and high impact data models to generate significant business value. Create models and processes to collect, distill and interpret data with a view to aid better, more informed decision making.

Postgraduate professor
University of Buenos Aires

📅 May 2022 – Ongoing   📍 Buenos Aires, Argentina

- Postgraduate professor at the School of Engineering of the University of Buenos Aires, teaching the course Machine Learning I for the Artificial Intelligence Specialization Course (CEIA).

Postgraduate Assistant
Faculty of astronomical and geophysical sciences

📅 August 2018 – Ongoing   📍 La Plata, Argentina

- Chief of Practical Studies of modern physics subject of the astronomy degree.

LANGUAGES

English   ●●●●○

Spanish   ●●●●●

MY LIFE PHILOSOPHY

"Every problem has a solution, although this solution is in another problem."

SKILLS

Work in group
Ability to work in a group, either leading or being part of it

Programming
Programming in different languages mainly in Python and Mathematica.

Data Science Skills
Data wrangling, Data Visualization, ability to understand a problem in depth in order to be able to use the appropriate machine learning and deep learning tools. Segmentation, forecasting, regression and classification.

TECHNICAL SKILLS

- Python
- Wolfram
- SQL
- Problem solving skills
- Machine Learning
- Deep Learning

EDUCATION

Ph.D. in Theoretical Physics
National University of La Plata

📅 April 2018 – December 2022

Data Science
Digital House

📅 Mar 2021 – Sep 2021

Deep Learning Specialization
Deep Learning AI

📅 Jan 2022 – Jun 2022

SELECT EXPERIENCE

Demand Forecasting
Airline Company (Chile)

📅 2022

- Design, implementation and evaluation of machine learning models for time series forecasting.
- Forecast performance analysis comparing ML and time series models.
- Study on price elasticity of demand.

Quality Check - MVP
Oil Industry (United States)

📅 2022 - Ongoing

- Creation of the code for quality check of PVT oil samples in AWS.

Simulation - Optimization
Mining Industry (Canada)

📅 2022 - Ongoing

- Part of the team in charge of creating a simulation and optimization model for water treatment.
- Agile project management (Azure DevOps).

Optimization
Mining Industry (Chile)

📅 2022

- Creation of a water use optimization model.

Segmentation - Clustering
E-Commerce (LATAM)

📅 2022

- Definition of metrics and algorithms for retraining clustering models.
- Application of statistics to understand a better application of promotions.

Demand Forecasting
Drinks company (Chile)

📅 2021

- Design, implementation and evaluation of machine learning models for time series forecasting.
- Forecast performance analysis comparing ML and time series models.

Instructor of the Wolfram Summer School 2021
Wolfram Research (United States)

📅 2021

- Working as a mentor at the Wolfram 2021 summer school. https://education.wolfram.com/summer-school