

# TOBIAS CANAVESI

Data Scientist, PhD Student

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tobiascanavesi



## 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

Data Science Consultant

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

- Teacher of the practical part of modern physics subject of the astronomy degree.

## EDUCATION

Ph.D. in Theoretical Physics

National University of La Plata

April 2018 - September 2022

Thesis title: The duality AdS/CFT and its application

## 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 tools. Segmentation, forecasting, regression and classification.

## TECHNICAL SKILLS

Wolfram



Problem solving skills



Python



Python libraries for data science



TensorFlow



SQL



## LANGUAGES

English



Spanish



# SELECT EXPERIENCE

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## Simulation - Optimization

### Mining Industry (Canada)

📅 2022 - Ongoing

- Working with the simulation and optimization team for water treatment.

## 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>