

# TOBIAS CANAVESI

## Data Scientist, PhD Student

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## 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 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.

## SELECT EXPERIENCE

### Optimization

#### Mining Industry (Chile)

📅 2022 - Ongoing

- 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

## 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



### Pandas



### Numpy



### Sklearn



### TensorFlow



### SQL



## EDUCATION

### Ph.D. in Theoretical Physics

#### National University of La Plata

📅 April 2018 – Ongoing

Thesis title: The duality AdS/CFT and its application

- 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>

## LANGUAGES

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English



Spanish

