# Damian Stoler
**Data Analyst | Physics PhD**
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[Github](Github) | [LinkedIn](LinkedIn)

## SUMMARY

PhD in Physics transitioned to Data Analyst, blending academic rigor with Python programming, data analysis and a strong foundation in mathematics. Passionate about transforming complex academic insights into practical data science solutions. Known for focus, commitment and adaptability.

## TECHNICAL SKILLS

Python, SQL (MySQL, PostgreSQL), Tableau, Matplotlib, Seaborn, NumPy, pandas, scikit-learn, XGBoost, Jupyter notebook, Git, linear algebra, calculus, probability.

## TECHNICAL PROJECTS

**Time Series Analysis of Pennsylvania Temperature, Energy Consumption, and Flu Contagion** - [Github](Github) | [Demo](Demo)
Three Jupyter notebooks analyzing time series trends and applying forecasting techniques.
- Performed deseasonalization to to extract general trend and identify anomalies.
- Applied ARIMA for temperature forecasting.
- Utilized XGBoost Regressor for feature-based predictive modeling

**Rental Prices in Tel Aviv Before and During Wartime** - [Github](Github) | [Tableau](Tableau)
Tableau dashboard analyzing TLV rental prices before and during wartime, highlighting shelter impact on price.
- Utilized RegEx in Jupyter notebook to scrape and clean rental prices in Tel Aviv and surrounding area.
- Visualized properties in Tableau by price and surface to determine the war's active impact on rental prices.
- Analyzed properties with/without shelter to assess its influence on rental prices.

## EXPERIENCE

**PhD Candidate** <div align="right">Córdoba, Argentina</div>
National University of Córdoba <div align="right">2016 - 2021</div>
- Modified experimental legacy techniques to improve sample acquisition and preservation, streamlining the research process.
- Improved digital sample data acquisition for subsequent analysis in MS Excel, enhancing data quality.
- Analyzed multiple ice crystallographic disorientations to determine relative grain boundaries, contributing to Surface Physics and Climate Science research.
- 14 postgraduate courses, 14 publications in magazines.

## EDUCATION

**Data Analytics Bootcamp - Full Time 2024** <div align="right">Tel Aviv, Israel</div>
Developers Institute, TLV Coding Bootcamp <div align="right">10/2024 - 01/2025</div>

**Google Advanced Data Analytics** <div align="right">Coursera Platform</div>
Google - Coursera <div align="right">2024</div>

**Machine Learning Professional Certificate** <div align="right">Coursera Platform</div>
IBM - Coursera <div align="right">2023</div>

**PhD in Physics** <div align="right">Córdoba, Argentina</div>
National University of Córdoba <div align="right">2022</div>

**Data Science Professional Certificate** <div align="right">Coursera Platform</div>
IBM - Coursera <div align="right">2020</div>

## LANGUAGES

**Spanish** – native speaker, **English** – fluent, **Hebrew** – ulpan gimel.