**Damian Stoler**

**Data Analyst | Physics PhD**

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[Github](https://github.com/Somerillo) | [LinkedIn](https://www.linkedin.com/in/damian-stoler/) | [portfol.io](https://www.datascienceportfol.io/damianstoler)

**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](https://github.com/Somerillo/DI-Final_Project) | [Tableau](https://public.tableau.com/app/profile/damian.stoler/viz/dashboard_lpm/Story1)

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](https://github.com/Somerillo/PORTFOLIO/tree/main/Rental%20Prices%20in%20Tel%20Aviv%20Before%20and%20During%20Wartime) | [Tableau](https://public.tableau.com/views/shelterrentaltrendsintelaviv2023-2024/Dashboard1?:language=en-US&:sid=&:redirect=auth&:display_count=n&:origin=viz_share_link)

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** Córdoba, Argentina

National University of Córdoba 2016 - 2021

* 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** Tel Aviv, Israel

Developers Institute, TLV Coding Bootcamp 10/2024 - 01/2025

**Google Advanced Data Analytics** Coursera Platform

Google - Coursera 2024

**Machine Learning Professional Certificate** Coursera Platform

IBM - Coursera 2023

**PhD in Physics**  Córdoba, Argentina

National University of Córdoba 2022

**Data Science Professional Certificate** Coursera Platform

IBM - Coursera 2020

**LANGUAGES**

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