Damian Stoler

Data Analyst | Physics PhD

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Github | LinkedIn | portfol.io

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 | Tableau
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 | 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 — 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.