DANTE TORIBIO CIPRIANO

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EDUCACIÓN

Bachiller en Economía, Universidad Nacional de San Marcos   Febrero 2022

SKILLS

Programming Languages	Python, R
Database Management System	NoSQL(MongoDB), SQL(MySQL),
Python Modelling packages	Scikit-learn and TensorFlow
Software for Data Analysis	Microsoft Power BI – DAX
Python programming	Spark(PySpark), Regular Expression, Web Scraping, Tkinter, Object Oriented P
Tools	Git, SHAP for explaining the models, Azure (in training)
Models	Linear Regression Method (Lasso, Ridged, OLS), Linear Classification Method (LDA, Logistic, Bayesians), CART (Tree, Random Forest), Deep Learning (Feedforward Neural Network), ARIMA
Unsupervided Techniques	Market Basket Analysis, Cluster Analysis (K-Means, DBSCAN)

PROJECTS

Sales Prediction Language Python, MongoDB   GitHub

- This project is a "total project" where I incorporate everything necessary to be able to deploy a model.
- Packages for the cycles:
    - Get Data (Web Scraping and Web Crawling - Selenium, re, requests); Data Cleaning, Data Transformation and Data Analysis - Simulation (MongoDB, Pandas, PySpark, Scipy); Modelling (Sklearn and TensorFlow); Deployment (fastAPI)
- As I have pointed out before, this is a "total project" in which all the cycles of the Data Science project are included. In each one I choose the best technology and tool to achieve efficiency. [Incomplete yet]

EXTRA-CURRICULAR ACTIVITIES

- Statistics 110 - Probability - Introduction to Probability. Joseph K. Blitzstein.
- Introduction to Mathematical Statistics - by Robert V. Hogg
- The Elements of Statistical Learning Data Mining, Inference, and Prediction
- Quantitative Economics with Python Designed and written by Thomas J. Sargent (NYU) y John Stachurski.
- SQL for Data Science - Data Cleaning, Wrangling and Analytics with Relational Databases. Antonio Badia

WORK HISTORY

Auxiliar Data Science Azzorti Venta Directa   Octubre 2021 - Febrero 2022

- The proposal of a new way of calculating the target had as a result an increase in the score which translated into a reduction in the amount of inventory. The aforementioned target is the result of a mixture of traditional econometrics and Machine Learning algorithms.
- Additionally, among the projects I have taken on are generating databases for other areas of the company, construction of an invoice validator (using GUI, RE and MSSQL connection), among other functions.

Research assistant Universidad Nacional Mayor de San Marcos Julio 2020 - Actualidad

- Responsible for exploring possible causalities of economic variables, in addition to the collection of information (in which it does include data cleaning and exploration tasks) to primary research.