**Randy Payano**

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GitHub: <https://github.com/randypayano>

Portfolio: <https://randypayano.github.io>

**Skills**

**Programming:** SQL, Python (Pandas, Scikit-learn, TensorFlow, Pytorch), R, JavaScript, HTML, CSS, VBA

**Databases:** MySQL, SQLite, NoSQL

**Tools:** Tableau, Excel, PowerPoint, Power Bi, MicroStrategy

**Other:** Web Scrapping, Data Pipelines, Data Mining, Forecasting, Statistical Analysis, Big Data, Machine Learning

**Soft Skills:** Communication, Presentation, Decision Making, Leadership

**Technical Projects**

**Coronavirus Covid-19** | [https://coronaviruscovid19.herokuapp.com](https://coronaviruscovid19.herokuapp.com/) : <https://github.com/RandyPayano/Covid-19-Dashboard>

* Developed live cross-filterable interactive dashboard of the Coronavirus (COVID-19) spread to facilitate awareness of the global pandemic. Used quantitative methods and statistical analysis to identify key metrics and visualize raw data into meaningful insights.
* **Tools:** Python (Pandas, Requests Flask), JavaScript (D3), HTML, CSS

**Pairs Trading** | [https://pairstrading.herokuapp.com](https://pairstrading.herokuapp.com/) : <https://github.com/RandyPayano/PairsTrading>

* Performed cluster analysis on 5,000 equities to discover pairs of equities that are co-integrated for intelligent portfolio management. Useful in implementing a market-neutral trading strategy - pairs trading.
* **Tools:** Python (Pandas, Scikit-Learn, Flask, QuandL API), MongoDB, JavaScript (D3, Plotly), HTML, CSS

**PRESENTATIONS**

**ESG Research |** <https://prezi.com/ehipnsjua_5f/esg-what-does-it-tell-s>

* Created a country scoring system based on their respective Environmental, Social and Governance Data. This system can be incorporated into financial analysis for responsible investing and help build a sustainable world.
* **Tools:** Python (Pandas, NumPy, Seaborn, Matplotlib, WBD API)

**Professional Experience**

**Head Concierge** 2015 – 2020

**432 PARK AVENUE CONDOMINIUMS,** New York, 432 Park Avenue

Responsible for all resident's needs at this 106-unit, 102-floor luxury condominium.

Key Accomplishments:

* Successfully established and implemented service-oriented standard operating procedures.
* Established relationships with residents to tailor services to their individual needs.
* Managed building amenities, while providing exceptional customer service.

**Education**

**Data Analytics Boot Camp: Columbia Engineering**, New York, 500 W 120th St

Intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**Criminal Justice (A.S): Borough of Manhattan Community College**, New York, 199 Chambers St