

## RANDY PAYANO

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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://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://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](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 120<sup>th</sup> 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