MARWIN OSPINA

FINANCIAL DATA ANALYST

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TECHNICAL SKILLS

SQL, Python, Tableau, Statistics, Advanced Excel, Google Analytics, SAS

PROJECTS

NYC Taxi & Limousine Commission Vendor Evaluation for Jan - June 2016

Analyzed the performance of two vendors by examination of 500,000 rides

- Used SQL, Excel, Python (Numpy, Pandas, Seaborn, Matplotlib, and Scipy), and Tableau for importing, cleansing, and exploratory data analysis (EDA)
- Performed a Welch's t-test to understand if there was a statistical difference between the vendors' trip duration
- While both vendors had equal avg. trip duration, the t-test showed their avg trip durations are different

Airbnb Berlin

Analyzed a total of 24,678 listings in Berlin, Germany from 2008 until 2020

- Imported, cleansed, and filtered data to recommend investing options and predict prices
- Used Python (Numpy, Pandas, Seaborn, Matplotlib, Statsmodel, Scikit-learn), and Tableau for EDA
- Found through the data that four and five-bedroom apartments in the neighborhoods of Friedrichshain-Kreuzberg and Charlottenburg-Wilmersdorf neighborhoods are best to invest
- Ran a linear regression model to predict future prices for listings

NYPD Meeting: How not to Become a Statistic

Team analysis of 33,358 civilian complaints of the NYPD

- Extracted and investigated the Civilian Complaint Review Board (CCRB) data
- Used Excel, SQL, and Python (Numpy, Pandas, Seaborn, Matplotlib) to study the dataset and find insights to incorporate into Tableau visualizations
- Found through EDA that White members of service (MOS) have the highest number of complaints by civilians of all ethnic groups, and Black civilians suffer the highest police misconduct by MOS of all ethnicities.

EDUCATION

Galvanize New York	Hunter College, City University of New York
DATA - Data Analyst Training Accelerator	Media Communications
Award Recipient, 1 of 33 out of 2,714 appl.	Academic Award Recipient

PROFESSIONAL EXPERIENCE

Healthfirst, Financial Data Analyst   Jun 2021 - Present
- Analyzed trends and developed dashboards
- Produced monthly financial reports as well as ad-hoc requests
- Reviewed and prepared monthly accruals to assist close process
- Assist in Data Migration from SAS to AWS (Redshift) by translating SAS code to SQL

Quant Systems Inc., Sales and Technical Research   Apr. 2014 - Apr. 2017
- Created marketing and sales material
- Created sales presentations for various clients
- Assisted in sales and management activities

nextPression, Technical Research   Sept. 2009 - Jun. 2012
- Performed competitive-product research analysis
- Created business case and roadmap
- Created sales presentations

Barneys New York, Sales Associate   Nov. 2006 - Jul. 2009
- Met and exceeded sales goals and expectations
- Assisted clients with selections, fittings up to the closing of the sale
- Maintained cash registers and trained new employees