

Neena Tilton Data Analyst | Portland, OR

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Portfolio Website: <https://tiltonneena.github.io/portfolio/>

Junior data analyst with high interpersonal and communication skills adopted from past work in teaching movement therapy, experienced in presenting complex information in digestible ways. With educational background in mathematics and psychology, specifically in statistics, main skillsets include analyzing trends, performing data exploration using databases, generating dashboards, and reporting key findings.

TOOLS: Python, Tableau, Jupyter Notebook, SQL, R, GitHub, Microsoft Excel, Microsoft PowerPoint, Anaconda

SKILLS: Data cleaning & wrangling, Data transformation & integration, Statistical analysis, Data visualization & dashboards, Time-series analysis & forecasting, EDA, Data mining, Presentation, Predictive analysis

EDUCATION

Bachelor of Science in Mathematics & Psychology, Portland State University, Portland, OR | 2018-2021 | 3.8 GPA

Career Foundry Data Analytics, Online Bootcamp | 2021-2022

PROJECTS

Instacart Grocery Basket Analysis

[GitHub repository](#)

An analysis on 182 MB of customer data, to uncover purchasing behaviors, customer profile types, and busiest times for orders using Python for data wrangling, merging, aggregating and visualizations. Analysis conducted using Pandas, Matplotlib, Seaborn, and Scipy.

Minimum Wage & Crime Rate Study

[GitHub repository](#)

Personal project investigating direct relationship between state minimum wage and state crime rate, spanning from year 2000 to 2017. Exploratory analysis, machine learning regressive analysis, clustering analysis (k-means) and time-series analysis performed in Python. Analysis conducted using Pandas, Matplotlib, Seaborn, Folium, Json, Sklearn, Pylab, Quandl, and Statsmodels. Final presentation presented in Tableau dashboards.

P.E. Bank Customer Retention Project

[Final presentation](#)

Analysis project with hypothetical global bank data with goal of building a prototype model to predict and prevent customer departure from the bank. Addressed data biases, ethics, security, and privacy, along with building a decision tree model to improve customer retention.

PROFESSIONAL EXPERIENCE

Studio Manager | Kinespirit Circle Studio (Portland, OR) | May 2016 – July 2019

An exercise and movement therapy studio, specializing in private Pilates and Gyrotonic sessions.

- Operated as principal contact between owner in New York and staff in Portland, assuring owner confidence of successful and professional operations at the Portland location.
- Analyzed client appointment data, concisely presenting essential information to owner and employees.
- Boosted package sales to clients, improving total sales compared to historical metrics.
- Hired, trained, supervised, and developed staff in accordance with company policies.
- Monitored and reported daily financial records with detailed annotations for each transaction.
- Arbitrated and recovered overdue funds from clients with delinquent payments, facilitating a protocol for congenial, yet resolute, payment collection.

Freelance Gyrotonic Instructor | Various Locations (New York, NY) | July 2012 – May 2016

Gyrotonic is often utilized by professional dancers and athletes for strength conditioning and movement therapy.

- Built a thriving practice of private Gyrotonic sessions, forging long-term client retention.
- Formulated programs for varying needs, from athletes to those rehabilitating, customizing to all abilities.
- Cultivated a reputable practice with punctual session times, facilitating optimal use of appointment time.