Dan Murphy

Murphy.dan.s@gmail.com • (631) 445-1039
Portfolio: d-murphy.github.io

Experience

PSEG Long Island | Hicksville, NY | *Lead Analyst*   2016 – Present
- Responsible for reporting, analysis, and data visualization related to employee safety and fleet operations.
- Authored python and R scripts to wrangle data from different sources (APIs, CSV files) to automate reporting processes.
- Using Tableau, created dashboards to allow interactive exploration of injury and fleet GPS tracking data.
- Increased storm reimbursement totals by incorporating GPS tracking data into reporting.
- Presentation of results and analysis to senior leaders.

Cleary Gottlieb Steen & Hamilton | New York, NY | *Information Specialist*   2010 – 2014
- Managed a client-facing website tracking the regulatory implementation of the Dodd-Frank financial reforms.
- Trained attorneys on Knowledge Management tools via formal presentations and interactions on the KM Help Desk.
- Solved ad hoc challenges requiring project management, data analysis, and general technical understanding of KM software.
- Created extensive help documentation for all KM applications on the firm's wiki platform.

West Islip Public Library | West Islip, NY | *Trainer*   2015 – Present
- Evening training classes in Excel (Intro, functions, pivot tables and charts), PowerPoint, and Google Apps

Education

Baruch College, Zicklin School of Business | New York, NY | *MS in Quantitative Modeling,* GPA: 3.54   2014 – 2016
- Courses Completed: Object-Oriented Programming in C++ (2 semesters), Advanced Statistical Computing, Data Mining for Business Analysis, Quantitative Modeling, Modern Regression Analysis , Simulation Modeling and Analysis

Providence College | Providence, RI | *BA in Economics,* GPA: 3.68, Major GPA: 3.81   2003 – 2007
- Liberal Arts Honors Program (by invitation) with Providence College Dean's Scholarship

Projects

Web App - Retirement Calculator | *Creator*   2020
- Created a JavaScript web app to assess how a one-time investment affects retirement considerations.

Suffolk Library Programs | *Creator*   2020
- Created a Node.js Express web application with Auth0 integration to advertise programs between libraries.

Sunrise Sunset Times Data Visualization | Creator   2020
- Visualization of sunrise / sunset times using d3.js

Kaggle Project – NHL Game Data | *Creator*   2019
- Demonstrated data visualization and data wrangling skill set (ggplot, dplyr, plotly, R markdown)

Web App - Public Library Peer Groups | *Creator*   2018
- Used the shiny package in R to create a web app mapping statistical library peer groups for all public libraries in NY.