Gregory Santoro, MS

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PROFILE

Data analyst with prior work experience in environmental engineering and wastewater treatment. Competent in quantitative/numerical analysis utilizing statistical methods and laboratory testing.

SKILLS

Technical: SQL, Tableau, R, Python, Excel, Google Sheets
Other: MS Word, PowerPoint, Outlook, Teams, Adobe Acrobat

EDUCATION & PROFESSIONAL DEVELOPMENT

Data Analytics Professional Certificate, Google
Master of Science in Environmental Engineering, Manhattan College

PROJECTS

Analyzing Human Resources Data Through R
IBM Human Resources Data Analysis (R).
- Performed exploratory data analysis on fictional human resources data provided by IBM.
- Conducted correlation analysis to identify relationships between demographic variables
- Created scatter plots to visualize identified correlations

Exploring World Bank Loans with SQL
Examined a World Bank financial dataset to uncover trends and insights related to global development (SQL).
- Used SQL queries to extract, clean, and analyze data from multiple tables.

EXPERIENCE

Environmental Engineer, EnTech Engineering, PC   Aug 2022 – Mar 2023
Data analytics, modeling, and engineering solutions implementation (SQL, R, Google Sheets).
- Investigated and analyzed contaminant levels for industrial waterway sites by applying statistical sampling techniques on NYCDEP (Department of Environmental Protection) data.
- Developed proposal documentation of remediation strategies utilizing engineering judgement.

Research Assistant, Manhattan College   Jan 2019 – Aug 2022
Feasibility studies via bench-scale testing analysis (Excel, Google Sheets).
- Evaluated the effectivity of various wastewater treatments (bench-scale testing analysis) by testing factors of influence such as material, chemical, and engineering parameters.

Wastewater Engineering Intern, GHD   Jan 2022 – Jul 2022
Site inspection, construction documentation, and engineering support for wastewater operations (Excel, VBA).

Lab Technician, Van Cortlandt Park Alliance   Jan 2019 – Aug 2021
Data monitoring and testing of water quality and safety (R, Excel, Google Sheets).

Preventive Medicine Specialist, U.S. Army   Jul 2013 – Jul 2017
Data analytics in public health and water quality; disease prevention measures (Excel).
- Collected, analyzed, and interpreted health-related data to inform decision-making for public health promotion.