ENA-MARY IBEH

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PROFESSIONAL HISTORY

Cushman & Wakefield *Energy Analyst/Ops.* Manhattan, NY   *June 2017- July 2021*
- Utilized VLOOKUP & Pivot Tables to analyze utility datasets to identify opportunities for energy efficiency savings.
- Generated quarterly customized utility reports for stakeholders via ENGIE platform with Excel visualization insights.
- Oversaw inventory requests from managers for distribution of 251,000 LED tubes for portfolio wide fixture upgrades.
- Resolved client issues regarding billing errors, meters, and utility credit adjustments for monthly savings of approx. $20,000.
- Managed inventory and transportation of LED fixtures from warehouse for client's lighting upgrade program.
- Worked on complex workstreams with cross-functional teams in utilities and bill processing to ensure data integrity.
- Prepared PowerPoint slides of capital improvement analyses for stakeholders with actionable recommendations.

Energy Investment Systems (EIS), *Energy Efficiency Consultant.* Manhattan, NY   *April 2013- June 2017*
- Performed annual NYC building energy efficiency compliance reporting (LL 84 & 87) on behalf of real estate portfolio.
- Completed multiple Energy Audit and Retro-commissioning reports and deliverables as part of LL 87 on behalf of clients.
- Developed data visualization reporting for low-hanging fruit and capital improvement measures for building portfolio.
- Sourced vendors and suppliers on energy-efficiency and capital improvement projects for multifamily portfolio.
- Built relationships with stakeholders in utilities, government, and engineering for executing of efficiency work.

TECHNICAL SKILLS

Excel | PowerPoint | SQL | R | Tableau | Data Analysis | Data Cleaning | Data Storytelling | Visualization | MS Office |

VISUALIZATION PROJECTS

Downtown Brooklyn Food Waste Labels
- Cleaned Kaggle dataset with Excel to replace NULLs, delete duplicates, check typos, and validate data.
- Showed analytics of food label types discarded and the approx. value of food waste items collected from trash.

2021 CDP Water Stress & Climate Hazards Country Questionnaire
- Utilized Excel to clean (fill in NULLs, search duplicates, hide unnecessary variables, validate data) and prep two datasets of water and climate risk drivers and magnitude of impact to vulnerable global cities.
- Built dashboards of climate hazard and water risk metrics using Figma and Tableau for visualization.
- Represented dashboard analytics with an interactive world map, bar charts, clustered bubbles, and circle plots.

EDUCATION & CERTIFICATIONS

- **MS Environmental Studies** Adelphi University, Garden City, NY
- **BSc (Hons) Environmental Science** Manchester Metropolitan University, England

- **Google Data Analytics Certificate**. Coursera. 2022
    - **R** for Exploratory Data Analysis on Netflix Titles – ggplot for chart creation, dplyr to filter and arrange data subsets.
    - Familiarity with **SQL** using Big Query for data manipulation – Group By, Order By, JOINS, and CASE Statements.
    - **Tableau Public** data visualization & dashboard creation on climate, water, sales KPIs, and entertainment datasets.

- **DataCamp -** Introduction to the Tidyverse, Data Manipulation with dplyr, Introduction to ggplot2, PostgreSQL Summary Stats & Windows Function (Ongoing). April 2022