ENA-MARY IBEH

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EDUCATION

- **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 data visualization, dplyr to manipulate & transform data.
  - Familiarity with **SQL** using Big Query & PostgreSQL – Aggregation, 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)

Tableau | SQL | R | Microsoft Office | Data Cleaning | Data Gathering | Utility Bill Analysis | ENGIE | Report writing | Research

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VISUALIZATION PROJECTS

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

2021 CDP Water Stress Country Survey
- Utilized Excel to clean (fill in NULLs, search duplicates, hide unnecessary variables, validate data) and prep dataset of water stress risk from climate change impacts and magnitude of impact to vulnerable global cities & countries.
- Built dashboard analytics with interactive bar charts, clustered bubbles, and dot plots, for easy data visualization.

PROFESSIONAL HISTORY

Cushman & Wakefield *Energy Analyst/Ops.* Manhattan, NY   *June 2017- July 2021*
- Utilized VLOOKUP & Pivot Tables to analyze utility datasets for energy efficiency savings opportunities within a portfolio.
- Assisted engineers in meeting team's annual KPI of $750k utility run-rate reduction savings from real estate portfolio.
- Generated quarterly customized utility reports for stakeholders via third-party platform with Excel visualization insights.
- Performed data analysis (via charts, graphs, and summary memos) of utility consumption of client's real estate portfolio.
- Conducted cleaning of unstructured spreadsheet data by confirming NULLs, sourcing correct info, removing duplicates etc.
- Resolved client issues regarding billing errors, meters, and utility credit adjustments for monthly savings of approx. $20,000.
- Generated $1.3m savings in 2020 from meter and equipment repairs resulting from outlier consumption utility accounts.
- Worked on complex workstreams with cross-functional teams in utilities, operations, and bill processing.
- Compiled client recommendations and visualization information on slide decks for team meetings and presentations.

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 multifamily clients.
- Wrote Energy Audit and Retro-Commissioning reports for a NYC agency on behalf of clients' compliance reporting.
- Prepared utility-related rebate and incentive applications to NYSERDA and Con Edison energy efficiency programs.
- Developed visualization reports on utility consumption, costs, and improvement measures for team and portfolio clients.