DANISH KARMALLY

Analyst | Research | Data | Engineer

Proven Data Analyst with extensive experience in collecting, analyzing, and interpreting large datasets to support strategic decision-making and operational improvements. Expert in emission reporting, energy consumption analysis, and sustainability initiatives, contributing to significant improvements in data accuracy and quality. Adept at collaborating with cross-functional teams and delivering projects on-time and on-budget, with a strong commitment to promoting sustainability and efficiency.

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SKILLS

- Data Analysis: Excel, MySQL, Python
- Communications
- Collaboration
- Database Management
- Research
- Trend Analysis
- Client Presentation
- Critical Thinking
- Microsoft applications proficiency
- Problem-Solving

EDUCATION

MCMASTER UNIVERSITY
AUG 2018
Masters of Engineering & Public Policy

HERIOT-WATT UNIVERSITY
MAY 2017
Bachelor of Engineering, Mechanical Engineering

PUBLICATION

Frontier Technologies in Peripheral Automotive Regions: Autonomous Vehicle R&D in Canada

VOLUNTEER

ITREB
JUN 2019 – JUN 2020

TEDXDONMILLS
OCT 2018 – OCT 2019

WORK HISTORY

BRIGHTLY SOFTWARE | FEB 2022 – PRESENT
ENERGY DATA ANALYST

- Expert in emission reporting, providing actionable insights for organizations to reduce carbon footprints and promote sustainability.
- Providing valuable support to our clients navigating through complex frameworks including GRESB and ENERGY STAR.
- Conducting in-depth research on global emissions factors, global targets, and emission factor projections up to 2050.
- Instrumental in monitoring, flagging, and maintaining utility consumption models, directly influencing forecast and budget activities.
- Conducting in-depth analysis of historical energy consumption patterns, investigating the factors contributing to fluctuations in trends for portfolio-level emissions reports.
- Managing diverse energy data collection and validation processes to ensure accuracy and integrity, implementing effective data cleansing for notable enhancements in quality and reliability.
- Demonstrating proficiency in delivering ESG reporting that aligns with global standards, specifically adhering to the criteria set by distinguished frameworks such as the GHG Protocol and the Partnership for Carbon Accounting Financials (PCAF).

MERCER | JUL 2021 – FEB 2022
HEALTH ANALYST

- Conducted thorough data collection, analysis, and research for prominent commercial clients, ensuring a comprehensive understanding of their needs.
- Translated raw data into actionable steps with a high level of skill, providing clients with insightful recommendations tailored to their specific goals.
- Collaborated with benefits providers, such as insurance companies and retirement plan administrators. Negotiated contracts, monitored service levels, and addressed any issues or discrepancies that may arise.
- Cost-benefit analysis on different benefit programs to ensure they align with the organization's budget and strategic goals. Provided recommendations for improvements or adjustments as needed.

GROUP FORCE BENEFITS | MAR 2020 – JUN 2021
HEALTH ANALYST

- Produced monthly reports via systematic data collection processes.
- Functioned as a strategic intermediary among various departments to effectively convey client needs.
- Negotiated with third-party providers on behalf of clients, ensuring the attainment of competitive pricing and exceptional service levels.

KRANTZBERG GREAT LAKES CONSULTING INC. | MAY 2018 – MAY 2019
RESEARCH ANALYST

ACHIEVEMENTS

- Member of the background research team contributing to the development and formulation of the Great Lakes Action Plan 2030.
- Successfully secured approximately $60,000 in funding through strategic partnerships for TEDxDonMills in February 2019, showcasing exceptional fundraising and collaboration skills.
- Co-presented my bachelor-level thesis at the prestigious UK Heat Transfer Conference in 2017 hosted at Brunel University in August 2017, demonstrating academic excellence and research proficiency on an international platform.