

# GOWSIKAN PERINPARAJAH

[gowsikan.perinparajah@queensu.ca](mailto:gowsikan.perinparajah@queensu.ca) | 647-648-0319 | <https://www.linkedin.com/in/gowsikan-perinparajah/>

## PROFILE SUMMARY

Innovative data professional with 3+ years of experience, specializing in research and data strategy within energy and healthcare. Diversified skills include stakeholder management, data modelling, and data-driven decision-making. Proven leader known for exceptional communication skills and a track record of deploying customized data solutions for clients. Passionate about harnessing analytics to drive business strategy and deliver comprehensive results.

## EDUCATION

### Master's in Management Analytics, Smith School of Business, Queen's University 2023 – Present

- Member of the Student Executive Team: Work with a team of 10 to gather feedback and facilitate requests between students and faculty/staff with a 100% acceptance rate.

### Bachelor of Science Honours (Comprehensive Physics, Mathematics), Ontario Tech University 2014 – 2018

- Completed an Undergraduate Honours Thesis in Solid-State Physics

## PROFESSIONAL EXPERIENCE

### Business Intelligence Analyst, UHN, Toronto, Ontario 2023 – Present

- Developed a dynamic PowerBI Dashboard to capture key metrics and track clinical research studies, resulting in a 20% improvement in approval time.
- Validated data for new system requirements to ensure it satisfies all business needs via QA and UA Testing
- Designed and deployed a monthly email and web newsletter using Adobe Dreamweaver and Photoshop to highlight ongoing ventures and upcoming projects for 20,000 employees.

### Research Analyst, IntriEnergy, Naples, FL, United States 2021– Present

- Visualized data using Python to analyze key properties to improve efficiencies of novel solar cell film, resulting in an additional 60% more energy being captured.
- Integrated data from multiple sources into one pipeline to drive better decisions to reduce costs and increase efficiencies by 10%
- Presented key research findings and translated technical information into business strategy to executive stakeholders, enabling them to secure additional funding and resources for the project.
- Collaborated with research team to produce a promotional video targeting potential investors, securing \$500,000+ USD in funding.

### Miva Developer, PCINET LLC, Cutler Bay, FL, United States 2022 – 2023

- Developed and enhanced 7+ custom-build e-commerce websites for clients, 2 of which were awarded “Best Enterprise Website” by MIVA, utilizing HTML, CSS, JavaScript, MivaScript, and various libraries.
- Synchronized live product data to Google Merchant Center to improve sales and advertisements.

## PROJECT EXPERIENCE

- Public Kaggle Competition (3rd Place): Developed a boosting model and leveraged Spark for SQL commands and NLP techniques to generate insight features for classifying the helpfulness of 3+ million reviews.
- Ranked top 0.2% in Driven Data Machine Learning Competition: Built a voting model using boosting and random forest algorithms to classify customers' vaccination status.
- Led an initiative involving the development of regression, classification and forecasting models to identify recommendations, potentially improving research study start-up times by about 70%

## SKILLS SUMMARY

- Programming Languages:** SQL, Python, JavaScript
- Databases:** MySQL, Microsoft SQL Server, MongoDB
- Data Visualization Tools:** PowerBI, Tableau
- Cloud Tools:** Azure, Databricks