

# DHARMICK MEHTA

## STRATEGY ANALYST

332 Station St, Carlton, VIC | Cell: 04 595 10249 | Email: dharmick95@gmail.com

### RESUME SUMMARY

- **Experienced Energy Strategy Analyst** with a strong understanding of the energy industry market dynamics and infrastructure. Skilled in analyzing market trends, regulatory impacts, and infrastructure needs to support strategic initiatives and contribute to sustainable energy transition goals.
- **Influencing Executive Decision Making.** Offered data-driven recommendations to support strategic decision-making at the executive level, leading to operational changes impacting over 6M customers.
- **Analytical and Financial Expertise** in conducting advanced quantitative and financial analysis, including risk management, cost-benefit analysis, scenario planning, to support long-term strategy within complex and regulated environments.
- **Regulatory Compliance and Risk Management** skills, including ASX trading compliance and reporting on ESG and emissions goals.

### WORK EXPERIENCE

#### REPORTING AND INSIGHTS ANALYST

April 2023 – July 2024

Mecca Brands

- Developed and deployed a SARIMA/X forecasting model using AWS SageMaker, improving sales prediction accuracy by over 90% across all channels.
- Provided insights from the model that guided strategic initiatives for key stakeholders, including executive leadership, influencing campaigns that impacted over 6 million loyalty members.
- Created data-driven insight packs presented to over 80 brand founders, showcasing campaign impacts on sales. The insights led to adjustments in promotional strategies, improving brand engagement.
- Led the development and execution of a strategic plan to migrate the loyalty business function to Salesforce. Directed the system design and oversaw the transition, ensuring seamless functionality across 5 platforms.
- Spearheaded the migration from PostgreSQL to Snowflake in our loyalty business function, streamlining reporting processes and data mart construction.
- Owned reports in Tableau relating to campaign activities, unveiling insights into campaign effects on customer spending behaviors, driving targeted marketing strategies.

#### STRATEGY ANALYST

December 2021 – March 2023

Manawa Energy

- Gained in-depth expertise in energy system infrastructure, transmission networks, operational optimization, and efficiency enhancements to support grid reliability and energy transition goals. Understanding the effect of decentralization of energy generation and its impact on business strategy and operational requirements.
- Developed and optimized price paths in the New Zealand Energy Market (using PLEXOS), providing key insights for strategic energy hedging that contributed to a reduction in exposure to price volatility and informed decisions for generation development.
- Managed the Middle Office function at Manawa, ensuring ASX trading compliance with company policies and Electricity Authority guidelines.
- Designed and implemented an automation system, reducing manual reporting time, equivalent to freeing up 0.25-0.5 FTEs. Allowing the team to focus on higher-value tasks.

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### WORK EXPERIENCE CONTINUED

#### DATA ANALYST

February 2020 – December 2021

Trustpower

- Developed interactive tools and reports using PowerBI. These reports were the most widely used and had 100+ users a week.
- Created reporting on the company's carbon emissions to assure adherence with ESG goals.
- Spearheaded the Amazon Telephony Project reporting, replacing the Desktop Telephony platform with a comprehensive suite of agent and contact metrics used for training.
- Used DBT and Snowflake to create a data mart for CX data that is ready for reporting.
- Collaborated closely with Provisioning and Assure teams to modernize historical reporting, consulting with team leaders to offer operational insights.

#### CHIEF TECHNOLOGY OFFICER / CO- FOUNDER

November 2018 – June 2023

One Earth Technology / Special Studios

- Conducting research of over 800 peer-reviewed papers for a feasibility study.
- Creating a business strategic plan, marketing plan, and technical feasibility report on 3d printing houses.
- Meetings/Presentations with potential investors and contractors.
- Using CAD software to model parts.

### EDUCATION

#### BACHELOR OF SCIENCE (MAJOR IN PHYSICS, MINOR IN CALCULUS)

2018

Victoria University of Wellington

#### KEY COURSES COMPLETED

Quantum Physics, Thermal Physics, Mechanics, Electromagnetism, Computer Science, Introduction to Data Structures and Algorithms, Multivariable Calculus, Modelling with Differential Equations, Applied Mathematics, and Contemporary Ethical Issues.

### SKILLS

Energy Sector Expertise	Cloud Platforms	Data Visualization	Project Leadership
Machine Learning	Advanced SQL	Organization Strategies	Python
Forecasting	Collaboration	Critical Thinking	Communication

### REFERENCES

Available Upon Request