



JASON A. DOLORSO



Data Scientist | Digital Transformation Strategist

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GROWTH-FOCUSED DATA SCIENTIST with expertise on data mining, data engineering, machine learning, and deep learning algorithms. Able to quickly comprehend and learn new trends and methodologies; delivers consistently good results working with cross-functional teams and solving complex problems to drive value creation. Has developed digital transformation roadmaps for public and private companies, and innovation strategies for multinational conglomerates. Well versed in Python, SQL, Power BI, Tableau, and Amazon Web Services (AWS). Core competencies include:

- Machine Learning
- Deep Learning / Neural Networks
- Big Data / Cloud Computing
- Data Engineering
- Data Mining and Wrangling
- Data Visualization
- Interactive Web Applications
- Predictive Modeling
- Qualitative / Quantitative Research
- Innovation Management
- Digital Transformation
- Supply Chain Management

PROFESSIONAL EXPERIENCE

Schneider Electric (EPA: SU) | Cavite, Philippines

Data Scientist, Digital Energy Analytics Lead

July 2021 – Present

- Spearheads the commercial and pricing analytics of Schneider's \$1.1 billion business. Responsibility includes data strategy, pipeline management, and architecture.
- Part of the Data & Performance team, ensuring quality and governance of Schneider Electric's global data lake using AWS infrastructure.

Emerson Electric Co. (NYSE:EMR) | Manila, Philippines

Data Analyst II – Supply Chain

May 2018 – Feb 2020

- Drove Emerson's global supply chain by providing data analytics on logistics, S&OP, inventory, and procurement to enable data-driven decision making for the company's \$2.7 billion product line across all geo locations.
- Led the Quality Management System of the entire global supply chain department (115 headcount) to ensure the alignment of all processes, responsibilities, and documentations with the organization's core strategic direction; achieved 100% audit compliance.

Philippine National Oil Corporation | BGC, Metro Manila, Philippines

Engineering Trainee

Oct 2017 – Mar 2018

- Underwent training and assisted on designing solar power systems, strategizing multi-regional offshore exploration partnerships, and business planning for the country's LNG supply and terminals.

UNDERTAKEN PROJECTS

- Beating the Philippine Stock Market**
Machine Learning approach to portfolio management that utilizes Random Forest algorithm resulting in CAGR of 31% (vs PSEi: -2.8%) over 2016-2020 simulation.
- CassavAI: Cassava Leaf Disease Detection using Neural Networks**
Detection of four (4) types of cassava leaves disease using Convolutional Neural Networks resulting to 89.40% accuracy to mitigate losses and improve crop yield.
- Improvement of Purchase Price Variance (PPV) Approval Process**
Kaizen project to optimize critical approval process that mitigated risk of \$530M for a Fortune-500 company.
- Digital Energy Analytics Portal**
End-to-end analytics project (architecture design, development, deployment), to leverage available commercial and pricing data. Helped drive critical decisions by key stakeholders, from global pricing leaders to SVPs.

Full data science portfolio at jasondolorso.com

EDUCATION & CERTIFICATIONS

Master of Science in Data Science

Asian Institute of Management | Makati, Philippines | June 2021

With Distinction, 4x Dean's Lister

Bachelor of Science in Petroleum Engineering

Palawan State University | Puerto Princesa, Palawan, Philippines | 2018

3x Dean's Lister

Certified Internal Quality Auditor | ISO 9001:2015 | 2019

Associate (Level 1) Certification | Global Innovation Management Institute | 2021