



JASON A. DOLORSO

Data Scientist | Consultant

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GROWTH-FOCUSED DATA SCIENTIST with expertise on data strategy, machine learning, data governance, and consulting. 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 data 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 Strategy
- Data Governance
- Data Mining and Wrangling
- Predictive Modeling
- Strategic Management
- Innovation Management
- Digital Transformation
- Supply Chain Management

PROFESSIONAL EXPERIENCE

Schneider Electric (EPA: SU) | Cavite, Philippines

Lead Data Scientist | Jun 2022 – Present

- Supervises a team of Data Scientists and Data Engineers based in the Philippines and Spain, that works closely with global leaders and stakeholders to manage data quality and governance of SE's data lake.
- Enabled and facilitated the growth of the PH Analytics Team, from 5 FTEs into a team of 19 (and counting) Data Scientists, Data Engineers, and Business Analysts.

Data Scientist

Jul 2021 – Apr 2022

- 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.

Analytics, Computing, and Complex Systems (ACCeSs) Lab | Makati, Philippines

Consultant – Data Science

Feb 2022 – Present

- A nation-building project with Commission on Higher Education (CHED) as the client.
- Analysis of current data strategy and landscape of State Universities and Colleges all over the Philippines.
- Crafted a standardized Information Management System Framework for 145 participating Higher Education Institutions. Includes architecture, proof-of-concept analytics platform, and AI-based decision support tools.

Asian Institute of Management - Integrated Marketing Services Group | Makati, Philippines

Consultant – Data Science

July 2021 – Present

- Plan and develop the analytics capability of Integrated Marketing Services Group (IMSG) to fully leverage data for decision-making.
- Provide recommendations on data strategy and architecture to the institute's top management.

Private Consultancy | Makati, Philippines

Independent Consultant

Mar 2020 – Apr 2021

- Innovation Framework and implementation plan to fill the growth gap of \$69 million (net income) in the next 5 years for a Latin American Health and Wellness company.
- Crafted a Digital Transformation Roadmap for the largest chemicals manufacturing company in the Philippines, including, but not limited to, data governance strategy, data science adoption plan, and prioritization of lighthouse projects.

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

Petroleum Engineer (Internship)

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.

NOTABLE PROJECTS

- **AI-enabled Data Quality Platform**
A data governance platform for Schneider Electric's global data lake, that fuses rules-based and AI-based methodologies for a robust data quality management system. Includes outlier detection algorithm, forecasting model, and monitoring system.
- **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; resulting to business growth amidst the on-going geopolitical tensions and inflation problem.
- **Data Science Bootcamp**
Launched a Data Science Bootcamp to upskill Schneider Electric Philippines' workforce and enable them to use state-of-the-art data technology for their respective scopes.
- **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.

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 | Quezon City, Philippines | 2019

Innovation Associate (Level 1) Certification

Global Innovation Management Institute | Cambridge, Massachusetts, United States | 2021