



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

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) cassava leaves diseases 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 Fortune-500 company.

Full data science portfolio at [jasondolorso.github.io](https://github.com/jasondolorso)

PROFESSIONAL EXPERIENCE

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

Data Analyst II – Supply Chain

May 2018 – Feb 2020

- Drove Emerson's global supply chain by providing analytics on logistics, S&OP, and procurement which influenced decision-making across all geo locations.
- Assembled data, analyzed performance, identified problems, and developed optimization processes which support Supply Chain Management planning and operations.

Philippine National Oil Corporation | BGC, Metro Manila, Philippines

Engineering Trainee

Oct 2017 – Mar 2018

- Underwent training under Project Managers, Petroleum and Chemical Engineers of PNOC in various departments including Renewables Corporation, Exploration Corporation, and Project Management Division.

EDUCATION & CERTIFICATIONS

Master of Science in Data Science

Asian Institute of Management | Makati, Philippines | June 2021
currently pursuing, 3x 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