

JESSICA MARIE HERNANDEZ

Data Analyst | Power BI Certified | SQL • Python • ETL • Dashboards

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PROFESSIONAL SUMMARY

Microsoft Power BI certified data analyst with experience building dashboards and automation tools. Skilled in SQL, Python, and Excel for transforming complex datasets into actionable insights. Proven success in cross-functional projects, hackathons, and real-time reporting systems. Passionate about scalable data solutions and transparent analytics.

KEY SKILLS & TECHNOLOGIES

Data Engineering & ETL: SQL (MS SQL Server, Oracle), Python (Pandas, PySpark), Excel (VBA, Power Query)

BI & Visualization: Power BI/Fabric (Certified), Descriptive/Exploratory Analytics, Data Storytelling and Visualization

Automation & Tools: Workflow Automation, GitHub, Azure, AWS

Methodologies: Agile, QA Testing, Incremental Refresh, Data Reconciliation

EDUCATION & CERTIFICATIONS

DP-600 Microsoft Certified: Fabric Analytics Engineer Associate Nov 2025
Microsoft

PL-900 Microsoft Certified: Power Platform Fundamentals Sep 2025
Microsoft

PL-300 Microsoft Certified: Power BI Data Analyst Associate Aug 2025
Microsoft

Software Engineering Technology - Artificial Intelligence Sep 2022 - Apr 2025
Centennial College
4.28/4.50 GPA
Related Coursework: Database Concepts (SQL), Deep Learning & Neural Networks, Data Structures & Algorithms, NLP & Recommender Systems, Cloud Machine Learning, Big Data Tools, IT Project Management

Bachelor of Science in Mechatronics Engineering Jun 2008 - Jun 2014
Batangas State University

HACKATHONS & COMPETITIONS

WIMTACH Hackathon – Toronto Emergency Management Nov 2024
Secured 2nd place for “Community Strong,” leading website redesign and digital engagement tools to improve public resiliency.

Centennial WILwork Hackathon – Belonging Challenge Nov 2024
Co-developed “CALCS Chat,” an NLP-powered chatbot integrated into LMS to boost student engagement and mental health support.

WORK EXPERIENCE

Centennial College, Toronto, ON: Software Lab Assistant Winter 2024 & Winter 2025 (8 mos)

- Developed automated inventory and lab management systems (MongoDB, Express.js, React, Node.js), reducing manual errors and improving data integrity.
- Designed and deployed dashboards for real-time tracking, enabling faster decision-making.

Philippine Manufacturing Co. of Murata, Batangas, PH: Machine Engineer Jul 2017 - Jul 2022 (5 yrs)

- Created KPI dashboards in Power BI & Excel for process reporting, cutting reporting time by 40%.
- Reconciled data across systems to identify inefficiencies and automate reporting workflows.
- Managed machine set up efficiency and calculated midterm investment plan.