

JEAN PAUL COLLAZO

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LinkedIn | GitHub | Portfolio | Projects

Engineering Management graduate with a UCLA Data Science Certificate, currently pursuing an M.S. in Data Science at CSUN to enhance technical expertise, with hands-on experience in applying SDLC and Agile principles to national projects. Skilled in SQL, Python, and data visualization, with a proven track record in database design, system debugging, and improving data processes. Known for driving solutions that boost data integrity, streamline workflows, and support actionable, data-driven decisions.

WORK EXPERIENCE

Data Management Analyst

December 2023 – Current

Taco Bell Corporation

Irvine, California

- Led data gathering across cross-functional teams to develop SOPs for national and regional database updates, focusing on ETL processes and data accuracy.
- Applied SDLC principles across project lifecycles—from requirements gathering through testing and deployment—for system-wide initiatives.
- Queried, cleaned, and validated PLU (Price Look-Up) data using SQL, ensuring compliance and accuracy across locations.
- Created SOPs for data entry and discount configurations tailored to franchises-specific needs.
- Conducted lab testing and managed system data uploads; developed visual assets (POS keys, discount visuals, screensavers) using Retool and S3.
- Tracked and prioritized requests through Asana, Monday.com, SNOW, and OneNote, ensuring timely resolution of internal and ad hoc needs. Mentored new analysts on data quality standards, documentation best practices, and system processes.
- Partnered with Marketing, Operations, Innovation, and Engineering teams to streamline workflows—reducing turnaround time by 35% on national projects.
- Used Agile and Scrum frameworks with tools like Jira and SNOW to enhance team coordination and data project efficiency.

EDUCATION

Master of Science in Data Science

Expected: May 2027

California State University, Northridge

Master of Science in Engineering Management

May 2024

California State University, Northridge

Bachelor of Science in Engineering Management

May 2020

California State University, Northridge

PROJECTS

Customer Purchase Behavior Analysis with Market Basket Mining | FP-Growth, Apriori, Data Visualization

December 2024

- Analyzed 3M+ Instacart transactions using Pandas and visualized shopping trends, peak hours, and department performance.
- Applied FP-Growth and Apriori to uncover high-lift product bundles, informing targeted promotions and inventory strategy.

Smart Meter Fraud Detection Creation | Python, Pandas, Matplotlib, tsfresh

December 2024

- Modeled smart meter tampering scenarios and visualized consumption shifts to detect non-technical losses (NTLs).
- Used tsfresh to extract time-series features and flag anomalies, enabling early fraud detection across industries.

TECHNICAL SKILLS

- **Languages:** SQL, Python, R, Java, C++, VBA
- **Technologies:** Visual Studio, Retool, Android Studio, Linux, EDM, AutoCAD, AWS S3, Tableau, Power BI
- **Databases:** Oracle, Microsoft SQL server
- **Tools:** Jira, Monday.com, Asana, SAP ERP, Elo view, SNOW, JMP SAS, Minitab
- **Development:** SDLC, Agile, Scrum, ETL, Debugging, Testing, Version Control (Git, GitHub)
- **Process, Service Improvement & Optimization:** Six Sigma Tools (DMAIC, 5 Whys, Value Stream Mapping, MSA, DOE, Root Cause Analysis, Fishbone Diagram). Lean Manufacturing, Agile Project Management, Facility Planning, Hypothesis Testing & Interval Confidence, Simulation, Regression, Sensitivity Analysis & Machine Learning and Data Mining with Python.

CERTIFICATIONS

- IBM Applied Software Engineering Fundamentals – May 2025
- UCLA Data Science Certificate – September 2024
- CSUN Six Sigma Green Belt – May 2024
- GOOGLE Cybersecurity Professional Certificate – January 2024

ADDITIONAL QUALIFICATIONS

- Quick learner with a proactive, collaborative approach and a positive attitude.
- Proven ability to thrive in a fast-paced environment with competing priorities.
- Embrace feedback, reflection and take direction effectively.

LANGUAGES

- **English:** Fluent **Spanish:** Native