

Alejandro Vilela

DATA SCIENTIST

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github.com/AlejandroVilela

PROFILE

My foundation in Marketing, Data Science, Data Analytics and Manufacturing seamlessly bridged the gap between market understanding and data-driven decision making. I am passionate about leading cross-functional teams, driving projects to success, and ensuring deliverables are timely, professional and perfectly aligned with business objectives.

SKILLS

Programming: Python , R
Big Data: AWS , Hadoop, Spark
Databases: SQL
Data Display: Tableau, PowerBI, Seaborn, Plotly
Machine Learning: Supervised and Unsupervised Learning
Statistics: Hypothesis Testing, A/B Testing
Microsoft Office: Excel, Teams, Outlook
Languages: Spanish, English, French

EXPERIENCE

Computer Numerical Control Operator | Magna International

AUG 2019 - JUN 2023, WOODBRIDGE, ON

- Increased production efficiency by analyzing machine patterns generating additional revenue of 30K per month.
- Implemented hourly product/tool performance chart to improve company quality standards by reducing 4% of defective parts.
- Through establishing Service Level Agreements for issue resolution response times and escalation structure, was chosen as the best employee of the shift twice.

Volunteer Data Analyst | CultureLink Community Services

AUG 2022 - JAN 2023, TORONTO, ON

- Compiled and used data to improve the program outreach by recommending marketing strategies.
- Analyzed program participants' profiles by visualizing demographics to enhance operational efficiency.

Server Team Member | Perkins Restaurant

OCT 2017 - FEB 2019, NEW JERSEY, NJ

- Guided customers through their purchases, leading to personalized recommendations and increased 6% of gift card sales.
- Conducted point-of-sale system training for 11 teammates, enhancing operational efficiency.

EDUCATION

BrainStation | Diploma, Data Science

JAN 2022 - SEP 2023, TORONTO, ON

BrainStation | Certificate, Data Analytics

SEP 2022 - NOV 2023, TORONTO, ON

Universidad Jose Antonio Paez | BComm, Marketing

SEP 2014 - SEP 2017, SAN DIEGO, VZLA

PROJECTS

Data Scientist | Unemployment Spain: A Predictive Analysis

APR 2023 - SEP 2023, BrainStation

- Applied advanced machine learning models and statistics methods to analyze and forecast future unemployment trends in Spain.
<https://github.com/AlejandroVilela/Unemployment-in-Spain-git>

Quality Measurement Controller | Quality

MAR 2022 - MAY 2022, Magna International

- Investigated tool life of EMAG manufacturing machines' inserts by measuring size erosion post cycle to reduce frequent tool failures.