JC Medina

Orlando, Florida
Phone: (407)777-5100 | **Email:** datajcmg@icloud.com
LinkedIn: https://www.linkedin.com/in/jcmg | **GitHub:** https://github.com/JCMedinaG
Portfolio: https://jcmedinag.github.io/Portfolio

Professional Summary

Industrial Engineer with more than 15 years of experience in logistic, health and safety, data analytics and visualization, and a strong knowledge of statistical methods, data gathering, and analysis. Comfortable with tools like Excel, Python, SQL, R, SAS, Machine Learning, and Tableau. Proven technical and leadership abilities in data warehousing, data healthcare, and data management environments. Passionate about data analytics and learning latest technologies.

Technical Skills

Programming and Software: Python, R, Excel, Pandas, SAS, Tableau, Project, Visio, Microsoft Office, Surfer, Machine Learning.
Databases: SQL.
Version Control: GitHub.
Data Skills: Mining, Processing, Cleaning, Modeling, Visualization, ETL.
Other Skills: Preventive Maintenance, Logistics Management, Health and Safety, Operations Management, Cost Savings, Process Improvement, Quality Assurance, Business Analytics, Project Planning, Creative Problem Solving, Supply Chain Management, Quality Control, Task Management, Transportation Management, Purchasing, Teaching, Project Management.

Certifications and Digital Badges

- **Applied Machine Learning Certificate**
See credential

- **SAS Programming for R Users**
See credential

- **SAS Statistics 1: Introduction to ANOVA, Regression, and Logistic Regression**
See credential

- **SAS Programming 1: Essentials**
See credential

- **UCF Data Analytics and Visualization Certificate**
See credential

Projects

- **Plotly.js-Project:** Developed an interactive dashboard to explore a unique Belly Button Biodiversity Dataset, employing JavaScript and Plotly, and hosted on Heroku. See details

- **Leaflet.js-Project:** Built a visualization dashboard showing all earthquakes from 7 days ago updating weekly, implementing JavaScript, Leaflet.js, and hosted on GitHub. See details

- **HTML-Project:** Design a website using HTML, CSS, and coupled with NASA weather data, resulting in a visualization webpage of big recent meteorological singularities. See details

- **Tableau-Project:** Performed and analysis of New York City Bike dataset, generating an interactive dashboard with visualization techniques. See details

- **Redesign of the Program of Occupational Health and Safety-Project:** Set up an observation guide to perform a vulnerability analysis and applied corrective actions as needed. See details

Experience

Uber Ride Shares ▪ Kissimmee, FL.
Driver. 2019-Present
Accomplishments.
- ✓ Safely and efficiently transport passengers to their destinations while providing excellent customer service and adhering to company policies.

Lincoln Property Company ▪ Orlando, FL.
Building Engineer 2015-2019
Accomplishments:
- ✓ Took part in designing a preventive maintenance plan for identification of needed repairs or actions needed to prevent damage to equipment and structures using Excel and Tableau as analytics and visualizations tools, respectively.

Maracaibo Polyclinic ▪ Maracaibo, Venezuela
Health and Safety Engineer 2013-2015
Accomplishments:
- ✓ Recommended changes and alterations of processes to increase safety and health outlooks.
- ✓ Exhibit strong leadership skills combined with engineering principles to control safety and health initiatives.

PDVSA ▪ Maracaibo, Venezuela
Logistics Engineer 2012-2013
Accomplishments:
- ✓ Integrated supply chain, warehousing, and planning operations into production processes as part of a 20-member operations team; negotiated agreements to forge partnerships with planning service providers.
- ✓ Training a small team in developing effective stocking and inventory-management systems to minimize loss and maximize performance.

Intermica ▪ Maracaibo, Venezuela
Geologist 2009-2012
Accomplishments:
- ✓ Generate and create geologic maps and cross sections to improve mines development and production.
- ✓ Utilize basic scientific principles, theories, practices, and existing technologies to refine solutions for technical problems with limited scope.

Education

Data Analytics and Visualization BootCamp-2019
University of Central Florida ▪ Orlando, Florida

Bachelor of Science in Industrial Engineering-2013
Rafael Urdaneta University ▪ Maracaibo, Venezuela

Associate of Science in Geology-2005
Maracaibo University Institute of Technology ▪ Maracaibo, Venezuela