

Silvia Calzada Gil

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Summary

Senior Performance Analysis Specialist with extensive experience in data analytics and performance optimization in the energy sector. Expert at creating complex queries and automating KPI databases, supporting the organization's strategic goals. Skilled in collaborating with cross-functional teams, ensuring data integrity and delivering actionable insights. Aims to apply analytical expertise in data extraction and validation to enhance business intelligence and ensure high-quality decision-making.

Technical Skills: AI Automation, Generative AI, SQL, Data Analysis, Advanced Excel, Python, JavaScript & HTML, SAP Analytics, Power BI, MS Project, Primavera P6, KPI dashboard creation and mngt. Cross-functional collaboration

Work Experience

Nawah Energy Company

Abu Dhabi UAE

Senior Performance Analysis Specialist

Dec 2022 - May 2024

- Calculated, verified, and reported timely Generation and Engineering KPIs following INPO standards.
- Compiled detailed DOE Generation metrics and drafted necessary reports, ensuring data accuracy and completeness.
- Utilized data analysis to build case scenarios with various outage durations, optimizing KPIs performance.
- Projected ENG KPIs to calculate margin performance, analyzing data based on planned unavailability.
- Conducted comprehensive analysis on the impact of seawater temperature and Reference Unit Power variations to WANO Gen KPIs.
- Validated reported Main Control Room data against Safety Systems KPIs to maintain data integrity.
- Prepared and submitted detailed Technical Training reports for Plant Engineering Units 1&2, augmenting technical knowledge.
- Conducted evaluation of ENG system components, Temporary Modifications, and determined operability qualifications.
- Coordinated purchase requisitions, ensuring compliance with Procurement standards.
- Managed daily reporting for the Corrective Action Program (CAP) and handled CAP Champion Action Requests, ensuring systematic completion.

Nawah Energy Company

Abu Dhabi UAE

Senior Specialist, Nuclear Performance Improvement

Jun 2019 - Dec 2022

- Designed, developed, and maintained an electronic dashboard with 115 KPIs, integrating data through SQL for accuracy.
- Collaborated with cross-functional teams to design a comprehensive reporting structure for current and future nuclear units.
- Utilized MySQL and SQL queries for KPI automation, complying with WANO/INPO methodology for accurate results.
- Reported 115 imperative key performance indicators monthly, facilitating data-driven decisions in coordination with 45 stakeholders.
- Performed meticulous data verification for Industry KPIs reporting to WANO, maintaining high data quality standards.
- Drafted governing procedures, and developed training materials and guidelines to streamline processes.
- Executed detailed trending analysis and data projections, providing critical insights to the Board of Directors and C-Level executives.

Nawah Energy Company

Abu Dhabi UAE

KPI Coordinator

Sep 2018 - Jun 2019

- Designed, developed and maintained 9 pages dashboard in SAP Lumira Discovery containing key metrics to measure, monitor and analyze the recovery of 645 non-complaint procedures.
- Analyzed procedures data daily, weekly and monthly to support Management decision-making.
- Data mining and modeling using statistical analysis to detect performance and process gaps and ideate data-solutions to close such gaps. Procedure processing time decreased 70 days.

Nawah Energy Company

Abu Dhabi UAE

Specialist, Corporate Strategy & Governance

Feb 2017 - Sep 2018

- Instrumental in designing, developing and implementing Excel dashboard to collect, analyze and display fuel load scenarios
- Collected data and design Training reports to ensure staff qualifications records as per Industry requirements.
- Analyzed data to report status documentation readiness to obtain nuclear operational license.

AMMROC

Al Ain, UAE

Senior Program Analyst, Strategic Programs

Feb 2016 - Feb 2017

- Collaborated closely with cross-functional groups to implement and monitor Operational risks.
- Designed, built, and maintained risk management dashboard to comply with Risk Mngt process.
- Project managed 'Culture Design with Design Thinking' project. Led a team of experts to do qualitative and quantitative surveys, analysis, and benchmarking.
- Analyzed data to derive insights that supported the identification of critical risks.

Mediclinic

Abu Dhabi, UAE

Patient Safety

Jan 2012 - Jan 2016

- Developed and implemented In-patient medication administering and dispensing process Improvements leading to 100% error reduction. Analyzed in-patient process data and mapping.

- Created quality reports of patient safety and quality metrics for all the portfolio facilities.
- Database design and development for licensing, accreditation, and certification processes.

Mediclinic

Abu Dhabi, UAE

Business Analyst

Apr 2015 - Jan 2016

- Developed Operating room software tool enhancing operating rooms schedule efficiency.
- Hired to take on a vital role of design, develop and establish the ICT Project Mngt.
- Office from inception to completion and go live.
- Created and implemented governances, policies, guidelines, processes, and procedures, documentation templates.
- Implemented KPIs for PMO development to ensure alignment with Organization's strategic objectives.
- Selected SAP Enterprise Resource Planning and Integrating System vendor.
- Collected and analyzed SAP business requirements.

Dubai World Security

Dubai, UAE

Project Manager (Sales & Marketing)

Aug 2008 - Oct 2011

- Building from inception to completion and the operations of the Sales and Marketing Department.
- Outlined, developed, implemented sales strategy, processes, KPIs, marketing campaign.
- Sourced, recruited, and built top talented & skilled team of 10 Sales & Marketing individuals.
- Achieved 20 M AED top-line gains over 3 years introducing new market revenue stream and maximizing revenue while dampening operational costs.
- Developed and implemented Cash-In-Transit business.
- Developed risk assessment, risk qualitative analysis, security management plan & integration.
- Implemented manpower deployment plan and daily operations.
- Implemented state of art business practices and control procedures leading to ISO 9001.

Air France - KLM

Dubai, UAE

Key Account Manager

Jul 2006 - Jul 2008

- Acquired 30 key accounts within Fortune 500 companies with a potential revenue of 5 M AED per year.
- Developed and managed Corporate Loyalty Program for 200 small medium businesses in UAE.
- Promoted cost efficiency and customized corporate travelling plans increasing renewal rate by 20%.
- Sponsored 25 events from conception to completion, obtaining 20% average increase of leads.

Mitel Networks

Dubai, UAE

Business Specialist

Jul 2005 - Jul 2006

- Rocketed company to new levels of recognition within UAE by Implementing Marketing channels strategy and plan that led to free media placement valued on 300 K AED.
- Designed and managed channel-marketing project for products launch that led to 3 M AED In revenue.
- Led and implemented Marketing campaigns including communication strategy and operations.

European Space Agency

Noordwijk, The Netherlands

Intern

Feb 2004 - Sep 2004

- Created master thesis for Young engineer Satellite 2 project: "Landing area minimization and landing point for uncontrolled re-entry capsule in the terrestrial atmosphere".
- Built Re-Entry Simulation Tool. Calculated landing area with flight requirements.
- Provided safety mission recommendations after conducted risk analysis.
- Speaker at Interplanetary Exploration Workshop, NASA- Ames Research Center Aug 2004, USA and Samara Space University Summer School Program July 2003, Russia.

Education

Oulu University: Master Science, Physics, Mathematics- Jun 2004

Certification

Project Management Professional Certified: June 2011 (PMI-PMP1417433)

Risk Management Professional: June 2012 (PMI-RMP1511860)

ASQ-Certified Six Sigma Black & Green Belt: Oct 2014 (ASQ- CSSBB15910) June 2014 (ASQ- CSSGB11268)