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| **Cynthia Huallanca** | Texas  m: 305.804.5510  cynthiahuallanca@gmail.com |  |

**Professional Summary**

*Vision-driven professional with a career-long track record of success in data analysis and technical development for leading organizations.*

Proactive and results-oriented data professional with a strong track record in leading data analysis, automation, and cross-functional projects. Expertise in translating complex business requirements into actionable data insights that drive strategic decision-making and operational efficiency. Proficient in Python, SQL, Power BI, and data modeling, with a demonstrated ability to lead teams, improve data processes, and ensure high-quality, scalable solutions. Experienced in mentoring and reviewing team output to ensure adherence to best practices and continuous improvement. Passionate about driving business outcomes through data-driven strategies and optimizing analytics workflows.

**Technical Expertise**

Languages: SQL (Proficient in SQL, with experience in CTEs, Sub-queries, and window functions in Redshift, TSQL, PostgreSQL, PL/SQL), DAX, Python (NumPy, Pandas, Seaborn, Matplotlib, SciPy, Scikit-learn), R, Visual Basic Scripting, HTML (CSS, Bootstrap), data extraction (Selenium, Beautiful Soup),

Tools: Power BI, Jupyter Notebook, Jira, Excel, Tabular Models, DAX Studio, Tabular Editor, Tableau, Azure Data Factory, GitHub, HubSpot (CRM)

Portfolio: <https://github.com/cynthiahuallanca>

**Professional Experience**

Florida Power and Light, Strategy and Analytics Department for Customer Service Business Unit. may 2022 to Present

**PROGRAMMER ANALYST I**

* **Collaborated with senior leadership to translate business needs** into technical solutions for FPL’s call center data migration to AWS. Provided guidance to cross-functional teams in Power BI design, code reviews, and data model enhancements.
* **Consolidated 100+ reports into dynamic Power BI dashboards**, saving over 8 hours in review time and reducing cloud storage. Connected multiple data sources, including SQL, Redshift, S3 Bucket, PostgreSQL, APIs, Starburst, Excel, SharePoint, and Jira.
* **Developed end-to-end Power BI reports**, transforming business requirements into actionable insights and presenting them to non-technical stakeholders.
* **Automated data mismatch detection using Python**, cutting manual review time from over 2 hours to under 3 minutes by identifying discrepancies across 50+ tables between on-prem and cloud data.
* **Implemented R-script automation in Power BI**, streamlining ticket resolution and reducing customer calls by optimizing ticket assignment, with results displayed in Power BI.
* **Managed Agile roadmap with Scrum Master**, balancing work between offshore and on-site teams.
* **Enhanced team workload visibility with Jira automation**, managing the Kanban board to improve communication, customer relationships, and deadlines.
* **Organized company-wide data modeling training with Alberto Ferrari from SQLBI**, leading to improved data integrity and accuracy in reports.

Data Tech USA Inc., Miami, FL, March 2022 to April 2022

**BUSINESS ANALYST CONSULTANT**

* Identified company challenges and developed data-driven solutions through Power BI automation and analytics.
* Reduced over 15 hours of manual work per week by introducing the first automated Microsoft Power BI report for the Sales Department, streamlining rebate processes. This automation also eliminated manual errors, resulting in zero inaccuracies, which helped recover more rebates and ultimately increased the company’s revenue.
* Mentored Sales Team members to effectively manage and interpret insights from reports, enhancing decision-making capabilities.

Lennar Corp., Miami, FL, MAY 2020 to February 2022

**SENIOR DEVELOPER**

* Contributed to the Business Intelligence team, developing reports for various departments across business units nationwide in an Agile environment. Utilized t-SQL (stored procedures), Tabular Models (SSAS), Visual Studio, SSRS, and Power BI to create reports from diverse data sources, including Salesforce API, Google Analytics, and JSON files.
* Led full project lifecycles for select initiatives, acting as the main point of contact for internal clients, managing requirements, data validation, timelines, and coordinating tasks to ensure successful delivery.
* Optimized legacy reports to meet both technical and non-technical standards, improving performance, applying best practices in modeling and naming conventions, and enhancing visualizations to help users quickly derive actionable insights.
* Managed Jira and Power BI reports for the Scrum Master in an Agile environment, improving the organization and tracking of BI work.
* Developed a Python script to automate dataset comparisons from different servers, identifying discrepancies and significantly reducing QA time for the Data Engineering team.
* Supported the implementation of new algorithms in Databricks, providing recommendations to enhance results and collaborating on data visualizations for internal clients.
* Assisted in maintaining and reviewing Microsoft Azure Data Factory pipelines and triggers in partnership with the Data Engineering team.

Florida Power and Light, Field Meters and Operations Department, Field Meter Business Unit. September 2019 to April 2020

**BUSINESS ANALYST II**

* Managed overall reporting for the department, covering seven offices across Florida where our main customers are located, to support performance analysis for each area and provide direct assistance to the Area Director.
* Pioneered report automation within the department, migrating and updating 30% of overall reports from Microsoft Access and Excel with Macros to Microsoft Power BI using Oracle SQL Developer, completing the transition in under six months.
* Developed and automated a new Power BI dashboard to provide drill-down access to field employee data, enabling supervisors and the Area Director to receive daily reports via email for timely action and feedback.
* Trained and monitored team members on implementing a low-risk development process, including code review, QA testing, source control, and documentation updates as needed, to reduce production bugs and standardize team practices.
* Created job aids to document processes and reporting procedures, ensuring business continuity.
* Oversaw the monthly Scorecard report for the department, updating all KPIs and transitioning the report to Microsoft Power BI.
* Mentored colleagues in the creation of new Power BI reports and the technical setup, fostering a collaborative environment.

Esdinamico Cia. Ltda., Quito, Ecuador, March 2019 to May 2019

**DATA ANALYST CONSULTANT, REMOTE**

* Developed and delivered expert insights and actionable recommendations by thoroughly analyzing, evaluating, and interpreting complex business data. Utilized advanced analytical techniques to identify trends, patterns, and anomalies that informed strategic decision-making. Collaborated with cross-functional teams to translate data findings into clear narratives and visualizations, enabling stakeholders to understand the implications and drive business performance. Implemented data quality checks and validation processes to ensure the accuracy and reliability of reports, ultimately enhancing operational efficiency and supporting data-driven initiatives.

Data Tech USA Inc., Miami, FL, March 2018 to March 2018. July 2019 to August 2019

**MICROSOFT EXCEL CONSULTANT**

* Created and delivered the "Excel for Sales" course tailored to the specific needs and tasks of the sales department, educating and mentoring a high-performing sales team to enhance their skills and productivity in the administrative area.
* Facilitated revenue growth by developing efficient workflows and acquiring targeted knowledge relevant to daily operations.

Aminorte SA., Santiago, Chile

**DATA ANALYST**, July 2014 to February 2016

* Increased sales by 15% by collaborating with an engineer to create a data mining tool based on a Python script that scanned various websites to compare competitors' specific product sale prices with the company’s pricing. Generating detailed Excel reports, enabling the company to respond rapidly to market changes and enhance pricing strategies.
* Automated the manual data warehouse update process by 90% through the development of a mass update system, significantly reducing human errors and improving update times, which saved more than 6 hours weekly in operational time.
* Developed Key Performance Indicators (KPIs) and scorecards to monitor product sales and operations of vendors and fulfillment centers, utilizing T-SQL and Excel with macros to present tailored reports for each department. Each report was designed to meet the specific needs of the Director, Sales Department, Buying Department, and Logistics Department.
* Ensured data accuracy by decreasing inaccuracies by 80% through the creation and implementation of data integrity queries using T-SQL and Excel. This involved developing comprehensive validation checks to identify discrepancies and anomalies in the data, enhancing the reliability of reporting and analysis and ensuring that stakeholders had access to accurate and up-to-date information for decision-making.

**PROJECT MANAGER - DATA MIGRATION**, October 2012 to June 2014

* Served as the liaison between the company and the external engineering team, leading all phases of the company-wide migration to a new ERP system. Oversaw initiation, coordination, design, execution, and monitoring while effectively translating user needs into technical requirements and vice versa.
* Directed a cross-functional IT team of two, successfully launching and completing the project within an eight-month timeline.
* Achieve a 60% reduction in logistics processing times, by implementing controls and authorizations for transitioning critical processes into the new ERP.
* Reduced inventory-taking time by 30% through enhanced processes for the buying department and warehouse, including the full automation of inventory management.

Aztec Exchange, Miami, FL

**BUSINESS DEVELOPMENT MANAGER, AMERICAS,** June 2017 to June 2018

* Projected monthly volume, penetrations, and new business acquisitions versus company spend and successfully met objectives yearly.
* Developed and implemented business plans and marketing strategies for a specialized market.

**SENIOR CLIENT MANAGEMENT**, Feb 2017 to May 2017

* Managed portfolio of biggest companies creating and applying new procedures to optimize sales.
* Implemented daily report of Client Management performance and visualization for decision makers.

**Education and Credentials**

Data Science and Machine Learning: Making Data-Driven Decisions, 2025 (in progress)

Massachusetts Institute of Technology

Master in Science and IT Management, concentration in Business Analytics, 2024

Florida Atlantic University

Decision Making, 2021

*Harvard Business School*

SAAS Tabular, 2021

*SQLBI https://www.sqlbi.com/*

Coaching, 2021

*Harvard Business School*

Introduction to Data Modeling for Power BI, 2020

*SQLBI* [*https://www.sqlbi.com/*](https://www.sqlbi.com/)

Microsoft Office Excel Expert, 2019

*Microsoft,* [*https://www.microsoft.com/en-us/*](https://www.microsoft.com/en-us/)

*https://www.certiport.com/portal/pages/credentialverification.aspx, code: mkYG-DwBq*

Data Analytics Certificate, 2019

*University of Miami, Miami, FL*

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

Bachelor of Science (B.Sc.) in Auditing and Accounting, 2012

*University of Concepcion, Concepcion, Chile*

**Additional Information**

**Languages:** Fluent in Spanish and English.

**Interests:** Family, camping, kayaking.

**Portfolio:** <https://cynthiahuallanca.github.io>

**Social:** <https://www.linkedin.com/in/cynthiahuallanca/>