

Skills

- SQL (MySQL)
- Python (Pandas, NumPy, Matplotlib, BeautifulSoup)
- Tableau
- Excel (XLookup, Conditional Formatting, Pivot Tables)
- Microsoft Power BI (DAX, API, Power Query)

Colaborativo PLOG (Pollo Loco)

SQL sales dataset query – Monterrey, Nuevo León

May 2024 – August 2024

In our company we used software that would allow us to extract certain reports from our SQL servers. However, getting those reports was a big hassle, it took 1 hour approximately to get a single complete sales report done and we needed to repeat this task with multiple people wasting a ton of their time. This made the operation really slow and inefficient. I took up the task to make a query that would allow us to get that same exact report with a single click of a button, making us save 10 man/hour each day letting people be free to do other more important tasks in their day.

SCRAP DAILY CONTROL - Monterrey, Nuevo León

May 2024 – August 2024

I took the task of making a daily control of scrap dataset to study how much money we were wasting on scrapped products alone, something that the company had never done before. In my analysis I found out that we were wasting over \$200,000 (mxn) across the 3 regions which led us to implement a tighter control over scrapped products. This meant we saved over \$100,000 mxn to the company each month.

TABLEAU DASHBOARDS - Monterrey, Nuevo León

May 2024 – August 2024

I was assigned with the task of doing multiple dashboards to identify different sales trends for the company. I made dashboards that would indicate our daily average chicken sales, in a week lapsus over several months to identify how sales were performing with a daily level of detail. I would also make graphics of our forecast vs real sales of 2024 vs real sales of 2023 to our stakeholders for decision making for the upcoming months.

Performance Report – Monterrey, Nuevo León

May 2024 – August 2024

Each month, I was assigned the task of making a performance report of our sold products. I would make a comparison between the real amount of products sold vs the amount of product that should have been used in recipe. This led to the discovery that we were giving extra products and were wasting \$100,000 mxn approximately for each restaurant. Eventually I managed to make an upgrade to the original data model they were using for the last few years and added all products of our catalog and managed to create a formula to get the amount of days in stock for each product.

ODOO LIVE PIVOT TABLE – Monterrey, Nuevo León

May 2024 – August 2024

By using ODOO CRM I managed to create a live dashboard that would constantly automate itself to get the newest chicken, flautas, burrito and dessert sales live. This way, anyone would introduce the desired date and would get the amount of sales of each of this products at any given time.

Education

COMPUTER SCIENCE DEGREE – Tecnológico de Monterrey – Monterrey, Nuevo León

August 2017 – December 2022

Earned a Computer Science degree, demonstrating a robust foundation in analytical thinking, problem-solving, and scientific methodologies. Developed a diverse skill set, combining theoretical knowledge with practical applications, laying the groundwork for success in various professional and scientific domains.