

Luis Fernando Ruiz Lopez

Data Analyst | Data Scientist

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PROFESSIONAL SUMMARY: Data analyst with diversified background, skillsets and experience. Team player with strong ability to foster collaboration and cooperation, resolve conflict and adapt to new environments. Analytical mindset and Data Driven results. Excellent organizational skills, attention to detail and problem-solving skills. Continuous learner who is eager to gain new knowledge. Proficiency in Python, SQL, JavaScript, R, Tableau, Excel. Interested in Data Storytelling, Data Science, Data Engineering, KPI's. Seeking new opportunity to utilize enhanced technical skills gained through Rice University's Data Analysis and Visualizations Certification program to positively contribute to an organization's goals.

Data Analyst | Data Science | Machine Learning | Data Visualization | Data Storytelling | Statistics | Data Driven | Predictive Models | Decision Making | Teamwork | Adaptability | Collaboration

GitHub: <https://github.com/LF-Ruiz> | <https://lf-ruiz.github.io/>

TECHNICAL SKILLS

Tools/Programs: Microsoft Excel | Pivot Tables | PowerPoint | Visual Basic | API's | Postgres | MongoDB | Tableau | PowerBI | Machine Learning | Big Data | TensorFlow | Keras | Scikit_Learn | Regression Analysis | Spark

Coding Languages: Python | JavaScript | HTML | CSS | R

Databases: SQL | Non-SQL | JSON | API's | QuickBooks | Microsoft Access

Keywords: ETL | Python | SQL | Excel | Tableau | 1 year experience | Fast learner | Forge relationships | Problems solving | Data Driven decisions | Multi-task | Attention to detail | Intellectual Curiosity |

PROFESSIONAL EXPERIENCE

Business Analyst, *Houghton Mifflin Harcourt Learning Technology*, Houston, TX 2022-Current
Tools/Programs: SQL, Power BI, Python, Tableau, Excel, VLOOKUP, Pivot Tables, Dashboards, SAP.

- Manage Open Order Reporting.
- Prepare and transform data into a usable state for analytics.
- Create Dashboards in Power BI and Tableau.
- Reduce overtime in Distribution Centers and digital entitlement team by 25% by identifying correct delivery date for orders both print and digital.

Data Analyst, *Reina Meals*, Houston, TX 2021-2021
Tools/Programs: SQL, Python, Tableau, Excel, VLOOKUP, Pivot Tables, Dashboards, QuickBooks.

- Manage multiple supply chain modeling projects concurrently.
- Prepare and transform data into a usable state for analytics.

- Create Database and ETL process.
- Use data to tell a story. Make insights and recommendations to help acquire new customers and grow our revenue.
- Use data visualizations to clearly and effectively aid key decision makers.
- Identify opportunities for data improvements and presents recommendations to management.
- Write and Perform SQL queries to extract data efficiently from the Database.
- Research, select and recommend scenario which is the most profitable and executable from business perspective and project cost/savings impact for the future state supply chain.
- Perform data profiling and data modelling.
- Communicate with internal and external customer to understand the business model and obtain current state costs.
- Coordinate with key stake holders and help in developing strategies, assumptions and supply chain analysis deliverables.
- Work with operations departments to transition from the analysis phase to the execution phase.
- Create and Maintain Database using PostgreSQL.
- Create a Forecasting model using Machine Learning.

OSP Engineer, Byers Engineering, Houston, TX

Sep 2019 – Sep 2021

- Create design of Fiber Optics path between closest fiber access point available to the end customer site
- Perform site visit survey and determine most efficient path to suggest to the AT&T engineer
- Adhere to guidelines and carry out the design after consultation with client to meet performance needs

Warehouse Operations Manager, Caramelo Candy, Houston, TX

May 2018 – Dec 2018

- Oversaw daily operations of food warehouse including organization of orders, deliveries and invoicing, keeping accurate records and data utilizing QuickBooks, and accurate inventory management using SQL queries to database.
- Project Management
- Category Management
- Distribution, Retail and Wholesale
- Analytical Solutions

Operations Assistant, ALJEMA S.L., Murcia, Spain

Jan 2016 – Oct 2017

- Managed and maintained current employee records and conducted invoicing processes for assigned region to ensure company was serving from the closest production plant.

Human Resources Assistant, JISAP S.L., Murcia, Spain

Jun 2015 – Jan 2016

- Perform generalist duties as part of the Human Resources team; responsible for the analysis and design of the company 'Employee Responsibilities' handbook.

EDUCATION

Data Analysis and Visualizations Boot Camp Certificate, Computer Science, Rice University, Houston, Texas.

- Excel, VBA, Visual Basics, GitHub, Git Bash, Command Prompt, Python, Pandas, Numpy, Matplotlib, APIs, SQL, NoSQL, HTML, CSS, Web Scraping, ETL, JavaScript, Dashboard, D3, Mapping, R, Tableau, Power BI, Machine Learning, Scikit-Learn, Big Data.

Sustainability Management & ESG Reporting Certificate, *University of Murcia*, Murcia, Spain
Human Resource Management Certificate, *ENAE Business School*, Murcia, Spain
Degree in History, *University of Murcia*, Murcia, Spain.
(Four-Year degree equivalent to USA Bachelor's with the European standards)

TECHNICAL PROJECTS (<https://github.com/LF-Ruiz>)

CADO Creations | Machine Learning, Python, SQL, JavaScript, Tableau, HTML, CSS.

- Predicted the price of avocados using Regression models
- Linear Regression, Decision Trees, Predictive Models.
- Deployed model using Python, Flask, Pandas, Numpy, SQL, conducted analysis utilizing Tableau and filtered data table with d3.js

Car Sales Analysis | Excel, Python, Pandas, Numpy, Microsoft Office.

- Analyzed 2020 car sales data to examine impact of COVID-19 sales in industry
- Conducted government data analysis, compiled information in Master Notebook and PowerPoint
- Gained exposure and skills utilizing Python, Pandas, Matplotlib and Microsoft PowerPoint

Web-Design | <https://github.com/LF-Ruiz/Web-Design> | HTML, CSS, Bootstrap, Python, Matplotlib

- Used basic code to deploy a static page in GitHub Page
- Gained exposure and skills utilizing HTML, CSS, Bootstrap, Python (Matplotlib for visualizations)

ETL – Extract Transform Load | SQL, Microsoft SQL Server, Heroku Database, Python, Pandas.

- Gathered data from NFL Draft in order to create a database of previous five years for further analysis; responsible for cleaning and combining data to properly load into SQL database
- Gained exposure and skills utilizing Python, Pandas, SQL Alchemy and SQL

Plotly | <https://github.com/LF-Ruiz/plotly-challenge> | JavaScript, D3, Plotly

- Built interactive visualizations and dashboards to explore the [Belly Button Biodiversity dataset](#)
- Gained exposure and skills utilizing JavaScript, D3, Plotly, HTML and CSS