Diana Lopez

Chicago, IL | [Linkedin](#) | [Website](#) | [Github](#)

Summary/Skills

Data professional with **6 years experience** including 3 years of healthcare research-based data analysis and 3 years of production-based/KPI-focused data analysis with expertise in data engineering, modeling, and documentation

Work Experience

McMaster-Carr - **MS SQL Server | MS Access | MS Excel | MS VBA | Flokzu**   **Elmhurst, IL**
Publishing Workflow Analyst   Nov 2022 - Present
- Prepare **40+** MS Excel reports (daily, weekly, monthly) and MS SQL Server data audits **every month** that capture crucial product launch workflow management KPI metrics and flag data quality issues in the data warehouse
- Create and maintain ETL automation of **10+** reports and audits via SQL stored procedures and MS VBA code
- Support database operations of **30+** SQL tables and **15+** SQL stored procedures, fixing any query and database processing errors via root cause analysis
- Manage Flokzu, a workflow automation software, which includes account creation, user permissioning, workflow map/logic updates, task changes, data exports, etc.

Gopuff - **Looker | SQL | Snowflake | dbt | Git/Github | JIRA | Lucidchart**   **Remote**
Business Operations Data Analyst   2021 - Nov 2022
- Managed **9 of the top 10** US dashboards with over **2.3 million** dashboard runs and **50 million** query runs
- Created **10+** dashboards (multi-viz reports) and **30+** looks (single viz reports) with **300,000+** runs and write **2000+** lines of LookML/SQL to surface key KPI metrics including inventory, order quality, and ops performance
- Maintained, tracked, and oversaw change management of **60+** Looker data products, which included updating filters, removing/adding new measures, writing LookML, and considering Looker performance
- Implemented **5+** SQL models through initial query creation and validation in Snowflake, further validation by operations leaders in a LookML derived table in Looker, and productionalization in dbt Cloud
- Identified expiration request compliance and provided further insight into our overall expired inventory workflow in order to decrease the **5%** expiration request incomplete rate discovered through the query
- Identified root cause of order edits as being either false order edits, controllable order edits, or true order edits in order to decrease the almost **40%** of false or controllable order edits discovered through the query
- Used best data integration practices to union **3** source tables from a new HRIS system (Workday) to **6** historical source tables via staging, intermediate, and final models

National Institutes of Health - **Python | R/RStudio | SAS | MS Access | Spanish**   **Bethesda, MD**
Epidemiology/Statistics Research Fellow   2018 - 2021
- Used a multinomial logistic regression model in R and Python to examine [acculturation, depression, and sleep duration](#) in a cross-sectional data set of **4,700** Mexican American adults using R and Python
- Detailed over **10+** data analysis plans with clear inputs/outputs, R/Python code (at least **80%**), and pseudocode to be sent to consultants for data analysis completion

Education

Northwestern University - R | Python | SQL | Go/GoLang | PostgreSQL | Elasticsearch | **Evanston, IL**
Neo4j | EdgeDB | Git/GitHub   *Fall 2024*
MS in Data Science, Data Engineering Specialization
Calvin University   **Grand Rapids, MI**
BA in Public Health & Spanish

Awards/Certifications

- [dbt Fundamentals Certificate](#): demonstrates fundamental understanding of models, sources, tests, docs, and deployment in dbt
- Gopuff Living Blue Shoutout: awarded for bringing together key stakeholders from People, Tech, and Operational teams to deliver critical data initiatives
- [National Institute of Mental Health Director's Award](#): awarded for the development of the Coronavirus Health Impact Survey (CRISIS), a mood survey in response to the COVID-19 pandemic