CAMILO FRANCISCO HERRERA VALLECILLO

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TOOLS

Advanced Excel/Snowflake

Data Studio/ Google Analytics/SQL
MongoDB / Python / Visio/ R
Studio/Hubspot/WordPress / AWS/

Advanced English

SUMMARY

Data Scientist/Analyst with 3 years of broad-based experience in working with companies of different tech levels to build different data projects. Proficient in data analysis, modeling, processing, and scripting languages such as Python. Capable of communicating in an efficient manner.

SKILLS

I am capable of adapting quickly to different challenges, solving problems efficiently and applying recently learned knowledge. I promote a good work environment and I construct favorable conditions for teamwork.

EDUCATION

5th year Industrial Engineering Student
Universidad Centroamericana UCA
M121: THE MongoDB AGGREGATION FRAMEWORK
10/09/2019

The Data Scientist's Toolbox
04/04/2020

EXPERIENCE AND LEADERSHIP

Developer/Engineer

Digital Reef 08-2021 – Current

- Evaluated data pipelines to identify future bottlenecks in data infrastructure.
- Communicating with tech leaders to define structure of data management systems based on use cases.
- Created ETL using aws cloud services and kafka to integrate snowflake into existing data architecture
- Created highly performant and accurate queries with the backend to provide website with aggregations and necessary summaries of data
- Created ETL to integrate citus into existing backend architecture using postgres ,python and pandas to improve query performance of backend and increase data redundancies.
- Worked with senior DBA to find inefficiencies in database configs/queries to improve backend performance.
- Modified legacy database schemas to improve performance and reduce overhead in both size and performance costs.
- Created multiple reporting tools(Zabbix, Microsoft Teams integration) to provide visibility on key data pipeline points.

Continuous Improvement Internship

Passbook by Remitly 05-2021 – 08-2021

- Coordinating with the quality department to evaluate different processes from the customer service department using 6 sigma tools.
- Creation of dashboards using Google Data Studio/ Sheets & SQL/ Periscope to track significant KPI and support business proposals.
- Basic Data Architecture to create proposals for future data collection strategies that cover significant usage cases.
- Analysis of software tools used by customer service department to identify design impact on different business metrics.
- Proposal of new software design tools to reduce business costs.
- Usage of machine learning text mining models to analyze unstructured text data.

Production Analyst Internship

Salsas Especiales S.A. . 02-2021 – 5-2021

- Responsible of recollection and inspection of daily data to find errors in traceability in daily production, and in register of consumption of supplies and raw material.
- To register digitally the production of the production plant in different formats according to enterprise needs.
- To register the stock of supplies, raw material and finished product according to enterprise needs in order to validate the information on digital registry.
- Creation of automated excel sheets that simplify data entry and automatically order information in usable databases.
- Usage of Power Query in data cleaning, homogenization of information and easing of data analysis.
- Analysis of consumption and waste data of supplies, raw material and finished product to find improvement opportunities in the process and reduce monetary loss.
- Creation of company website according to company´s needs.

Data Analyst internship

OOQIA 19/06/2019-11/09/2019

- Data Mining using Excel and Mongo DB, creating algorithms to categorize users to guide users in accurate marketing funnel.
- Planned different marketing funnels to guarantee best marketing strategy for different user profiles according to usage behavior.
- Data mining and analytics on google analytics and direct website information to inform product owner in order to facilitate decision making.
- Data cleaning in Excel to prepare data for categorization.
- Lead Nurturing using Mailchimp automatizations.