



DAVID BAENA

DATA ANALYST

SUMMARY

Data analyst with a background in agriculture and environmental sustainability with up-to-date programming competency. Skilled in organising, interpreting, managing and reporting data and enhancing business performance through proper insights communication.

PROJECTS

Instacart Customer Analysis

- Used open-source data to compare trends by age, region and demographic factors
- Joined and analysed five datasets with more than 34+ million rows
- Application: Python using pandas and matplotlib

Rockbuster Stealth

- Used PostgreSQL for answering business questions using a film dataset with 15 tables linked by a unique key
- Created data dictionary and presented SQL results in Tableau

Influenza Season Staffing Requirements

- Determination of influenza season staffing requirements for a medical agency according to historical data from the years 2007 to 2016
- Analysed CDC datasets for vulnerable and non-vulnerable populations finding limitations, hotspots and predictions for the year 2018
- Application: Excel, Tableau, Loom

WORK EXPERIENCE

IT-Support | 2022-Present

Bonner Verein für pflege- und gesundheitsberufe e.v, Germany

- Provided daily IT technical support and assisted management teams in ensuring efficient business processes
- Provided PC and mobile support to resolve client's issues
- Assisted the IT team in monitoring and updating the server and the local computers
- Supported the conduction of IT training for new courses and new employees

Research Assistant | 2022

Bonn Universität, Germany

- Successful data collection from an extensive body of literature (~1698 records) regarding global over-fertilisation over 60 years.
- Wrangled and cleaned dataset with R using tidyverse and dplyr
- Explored relationships by creating correlations and multi-regression models to predict yield and nitrogen use efficiency, increasing efficiency (~10-40%)
- Created a project report and presentations to show findings and the next steps of the analysis

Internship | 2017-2018

National University, Colombia

- Successful data collection and exploratory analysis from 20 farms
- Wrangled and cleaned dataset with Excel
- Presented results to stakeholders to show findings and the next steps of the analysis



Berlin, Germany



cdbaenaar[at]gmail.com



[cdbaena.github.io](https://github.com/cdbaena)



in/cdavidbaena/

SKILLS

TOOLS

Data profiling	Excel
Advanced Analytics	SQL
Data Querying	Python
Data Visualisation	Jupyter Notebook
Machine learning	R
Storytelling	Tableau

LANGUAGES

LEVEL

Spanish	Native
English	Advanced
German	Intermediate
Portuguese	Intermediate

CERTIFICATES

Data Analytics

CareerFoundry, Germany, 2023

EDUCATION

Master of Science: Resource use Management

Bonn Universität, Germany, 2019-2022

Bachelor of Science, Agriculture

National University, Colombia, 2010-2017