David
Baena
Data Analyst

My Contact

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Web
LinkedIn: /cdavidbaena/
Portfolio
GitHub: /cdbaenaa

Skills

- Data Profiling
- Data Processing
- SQL Querying
- Machine Learning
- Data Visualization
- Communication and Leadership

Tools

- Excel
- PowerPoint
- SQL
- Python
- Jupyter Notebook
- R
- Tableau
- Power BI

Languages

- Spanish: Native
- English: Full Professional Proficiency
- German: Limited Professional Proficiency
- Portuguese: Limited Professional Proficiency

Education

2019-2022 | Bonn Universität
Master of Science: Agriculture

2010-2017 | National U-Colombia
Bachelor of Science: Agriculture

About Me

Data analyst with a background in agriculture and strong analytical skills with up-to-date business intelligence tools in Excel, SQL, Python, Tableau, and Power BI software. Self-reliant and problem solver skilled in organising, collecting, mining, predicting, reporting and deploying data to address challenges and give strategic recommendations to stakeholders in fast-paced environments through proper insights and communication.

Projects

Instacart Customer Analysis
12 2022 - 01 2023

Goal: Help online grocery shop analyse market behaviour and find ways for product growth.
Process: Join and analyse historical data (34+ million rows) in python, derive new variables, define customer profiles and design visualizations.
Outcome: Report with data flow, visualizations and answers to business questions.

Rockbuster Stealth
11 2022 - 12 2022

Goal: Assist management team with development of a innovation strategy for a new online service to stay competitive.
Process: Answer business questions using PostgreSQL for a film relational database of 15 linked tables.
Outcome: Generate data dictionary and presented SQL results in Tableau.

Work Experience

Bonner Verein für pflege- und gesundheitsberufe e.v | IT-Support
07 2022 - Present

- Provided daily IT technical support and assisted management teams in ensuring efficient business processes.
- Supplied PC and mobile support giving solutions to clients' issues.
- Supported work collaboratively in conducting IT training for new courses and new employees.

Bonn Universität | Research Data Analyst Assistant
04 2022 - 09 2022

- Completed data collection from an extensive body of literature (1698 records) regarding global over-fertilization 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 (approx. 10-40%).
- Reported and charted findings and further steps of the analysis.

Bonn Universität | Research Data Analyst Assistant
02 2017 - 02 2018

- Accomplished data collection and exploratory analysis from 20 farms.
- Data profiling and presentation of results using Excel.