Contact

Phone
+49 157 3905 0733

Email
jacodutoitdata@gmail.com

Address
Hauptstraße 14, Wilsdruff

LinkedIn Profile
GitHub

Website
https://www.jacodutoitdata.com

Education

2023
Certificate in Data Analytics
CareerFoundry, Berlin

2007
Web Design
One year course at The Commonwealth Academy, London

Expertise

- Data Cleaning & Preparation
- Exploratory & Descriptive Analysis
- Integrating and Transforming Data
- Querying, including Filtering, Sorting & Grouping
- Performing Statistical Analysis, including Linear Regression
- Creating Visualizations and Dashboards
- Python, SQL, Tableau, Excel, PowerPoint
- AWS Services – S3, Redshift, Glue, EMR, Kineses, RDS
- GCP Services – Cloud SQL, Firestore, Spanner

Achievements

- 2012, wrote and self-published a children's novel consisting of 217 pages, available on Amazon
- 2019, wrote, created and self-published a graphic novel on Amazon

Languages

English - Native

Afrikaans – Native

German - Basic

Jaco du Toit
Data Analyst

A data analyst with a curious mind and a passion for problem-solving. Works with clients across industries to analyze their data and create reports that give them insight into the health of their business and enable them to make better decisions and improve their business. Experienced entrepreneur who is able to work alone or as part of a team and uses tools like Excel, SQL and Python to pull reports, charts and graphs out of raw data of any size.

Projects

New York Citi Bike Advanced Analysis – Dec 2023

- Used open-source data to determine the busiest stations and increase their profits.
- Used Tableau to build an interactive dashboard to showcase well-curated results.
- Conducted the following in Python:
  - ✓ Exploratory analysis through visualizations
  - ✓ Geospatial analysis using a shapefile
  - ✓ Regression analysis
  - ✓ Cluster analysis
  - ✓ Time-series analysis

Instacart Customer Analysis – Sep 2023

- Used open-source data to uncover Instacart's customers' purchasing behavior.
- Cleaned, wrangled and merged four dataframes to interpret the data.
- Made the necessary suggestions to improve their sales.
- Applications: Python, pandas, matplotlib and final report in Excel.

Rockbuster Stealth Launch Strategy – Aug 2023

- Used SQL to analyze the data in a RDBMS (PostgreSQL) to advise Rockbuster in their transition from a movie rental store to an online service competing with Netflix and Amazon Prime.
- Project included the following:
  - ✓ Relational databases
  - ✓ Filtering, cleaning and summarizing
  - ✓ Subqueries and joining of tables
  - ✓ Common table expressions

Work Experience

2012 - 2021
Gold Star Property Maintenance, London, UK

Managing director & owner (day time)

Ensuring the efficient running of the property maintenance company through:
- Liaising and speaking to clients (estate agencies) multiple times a day, either on the phone or through email.
- Preparing, typing up and emailing of all job reports, quotations and invoices to clients.
- Arranging work schedules and booking in contractors with clients.
- Inspecting work sites, ensuring Health & Safety rules are followed and signing off big refurbishment projects.
- Paying of contractors' salaries and invoices.

2008 - 2015
Various agencies, London, UK

S.P.C. – Site Person in Charge (night time)

Ensuring the efficient running of a site anywhere on the London Underground, stations and depots, through:
- Forward planning and attending of meetings.
- Booking in multiple and large work groups, ensuring Health & Safety rules are followed.
- Giving daily safety briefings to all workers, sometimes as many as 150 people.
- Assigning of jobs to the relevant workers and supervising all works.
- Inspection of work sites and signing off jobs.
- Booking out all work groups and signing of time sheets.