## Personal Information

Hamburg, Germany
+49 157 534 08870

davidgrieselde@icloud.com

## Links

linkedin.com/in/davidgriesel
github.com/davidgriesel

## Tools

Excel (Pivot Tables | Power Query)
SQL
Python
Tableau
ACL Analytics

## Languages

German – Intermediate
English – Proficient
Dutch – Intermediate
Afrikaans – Native

## Education

**Certificate in Data Analytics**
CareerFoundry
Berlin | Germany
2024

**Honours Bachelor of Accounting Science**
University of South Africa
Pretoria | South Africa
2002

**Baccalaureus Computationis**
University of the Free State
Bloemfontein | South Africa
2001

## Professional Development

**Updates on International Accounting and Auditing Standards**
In-house at Gobodo Inc & Auditor General South Africa
Annually

**ACL Analytics**
In-house at Auditor General South Africa
2018

# DAVID GRIESEL

## Data Analyst

Independent and resourceful data analyst with 20 years of experience in accounting and auditing. Proficient in coding, statistical analysis, and visualisation techniques. Skilled in uncovering patterns and trends in data to deliver creative and practical solutions for complex business challenges.

## Work Experience

### Data Analyst
Freelance | Hamburg | Germany

**Project: Coffee Quality and Production Analysis** — Nov 2024 – Dec 2024

- Profiled, wrangled, and cleaned data with Python using pandas and NumPy libraries.
- Conducted exploratory visual analysis using matplotlib, seaborn, and Plotly libraries to create heatmaps, pair plots, and catplots.
- Performed geospatial analysis by creating choropleth maps using folium.
- Applied linear regression and k-means clustering to predict outcomes and categorise data using scikit-learn.
- Presented results and insights through an interactive Tableau storyboard.

**Project: Online Grocery Store Customer Behavioural Analysis** — Sep 2024 – Oct 2024

- Wrangled, cleaned, and merged large datasets with Python using pandas and NumPy libraries.
- Derived new variables and segmented data to analyse trends across clusters.
- Visualised results using seaborn, matplotlib, and scipy libraries and communicated insights and recommendations in an Excel workbook.

**Project: Strategic Analysis for Online Streaming Service launch** — Jul 2024 – Aug 2024

- Generated an entity relationship diagram using DbVisualizer and created a data dictionary.
- Used SQL to query relational databases and to profile, clean, and join datasets.
- Extracted information using subqueries and common table expressions.
- Used Tableau to visualise results and presented findings using PowerPoint.

**Project: Data Analysis Informing Medical Staffing Plan** — May 2024 – Jun 2024

- Used Excel to profile, clean, and transform data for analysis.
- Performed statistical analysis and hypothesis testing using advanced Excel functionalities.
- Created Tableau visualisations, including composition, comparison, and statistical charts, to analyse distributions, correlations, and trends.
- Uncovered seasonal and geographical trends through temporal and geospatial analysis.
- Presented insights and findings through an interactive storyboard.

### Assistant Audit Manager & Data Analyst
Auditor General South Africa | Pretoria | South Africa — May 2010 – Sep 2021

- Queried, cleaned, and prepared large financial datasets for auditing using Excel Power Query.
- Used Computer Assisted Audit Techniques (CAATs) to perform complex audit procedures using ACL Analytics.
- Built collaborative relationships with internal and external stakeholders.
- Compiled detailed management and audit reports including findings, root causes and actionable recommendations.
- Reviewed audit working papers for compliance with quality standards.

### Audit Supervisor
Gobodo Incorporated | Bloemfontein | South Africa — Mar 2006 – Jan 2009

- Used Excel functions, tools, and Pivot Tables to clean and prepare large datasets, and to perform audit procedures.
- Selected representative samples for testing and extrapolated findings to assess the overall misstatement of populations.
- Systematically documented audit working papers complying with quality standards.

### Trainee Accountant
PKF Accountants and Business Advisers | Bloemfontein | South Africa — Jan 2003 – Jan 2006

- Maintained accurate and up-to-date financial records to enable timely reporting informing prompt decision making.
- Prepared financial reports in accordance with relevant financial reporting standards with clear references to supporting schedules.