



Savvy Solutions Africa

Data Cleaning Case Study

ABOUT US

- **Savvy Solutions Africa**, your go-to for top-notch data services. We specialize in thorough data cleaning, smart analysis, clear visualization, and practical recommendations. Our team of experienced data consultants is committed to turning raw data into valuable insights, making your decision-making smarter.

At **Savvy Solutions Africa**, we simplify the complex world of data to empower your decisions, ensuring that your business thrives on accurate, actionable information. Welcome to a practical approach to data excellence, where we make your data work for you.

Elevate your business intelligence with our customized solutions, where we focus on straightforward strategies that marry clarity and strategic thinking.



Project Background

As a recent addition to the Data Management Team at **Savvy Solutions Africa**, working alongside experienced Senior Data Scientist in the company assisting with data cleaning, data analysis, data modeling etc.

Your colleague is struggling to analyze a client's dataset and urgently sent it to you to help out in cleaning the data.

The data is messy, with mistakes, missing values, and duplicates making it hard to analyze.

The problem involves identifying and rectifying errors, filling in missing data points, and removing redundant information.

The goal is straightforward – making the data cleaner for accurate analysis. This effort is crucial to ensure that the dataset serves as a reliable foundation for decision-making, aligning with our commitment to delivering precise and dependable insights at **Savvy Solutions Africa**.

Aim of the Project

- Clean the data and make it usable for further analysis
- Determine the total number of company in the dataset
- Find the average age of founders in the dataset
- Separate the founder name into First Name and Last Name
- Determine the gross sales value for each company and calculate the net sales value considering a VAT of 7.5% and a discount of 10%.
- What is the proportion of each company's revenue to the total revenue of the entire company revenue in the dataset, expressed as a percentage



Basic Functions for Data Cleaning

Text to column

Trim function

Substitute
function

Remove
duplicates

Flash fill

Proper, Upper
and Lower
function

Find and
replace
function

Paste special