



Power BI

# Know your Data

Lesson 02

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01

What is your dataset?

Understand where your data is  
coming from

02

How is your data profile?

Explore the shape and summary  
statistics of your data

03

I wanna tell my story

Craft the message your want  
your data to tell


04

The law of attraction

What are other people doing  
that you also want to do one day

-01-

What is your  
dataset?



“In God we trust all others must bring  
data”

W. Edwards Deming



# Open Data

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**Open data** is data that anyone can access, use and share.

kaggle



GitHub

# Private Data

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**Private data** is information concerning a person/entity that can be reasonably expected to be secured from public view.



**FNB**  
First National Bank



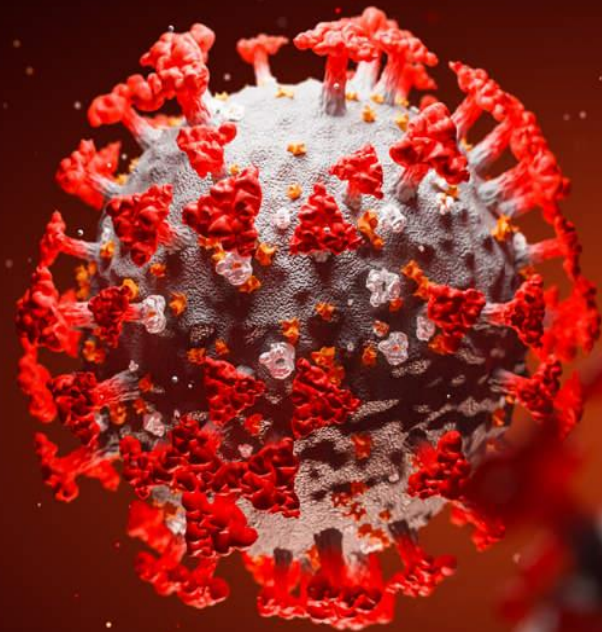
**KFC**



Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)

**Our World in Data (OWID)** is a scientific online publication that focuses on large global problems such as poverty, disease, hunger, climate change, war, existential risks, and inequality.

Our World  
in Data



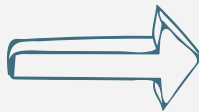
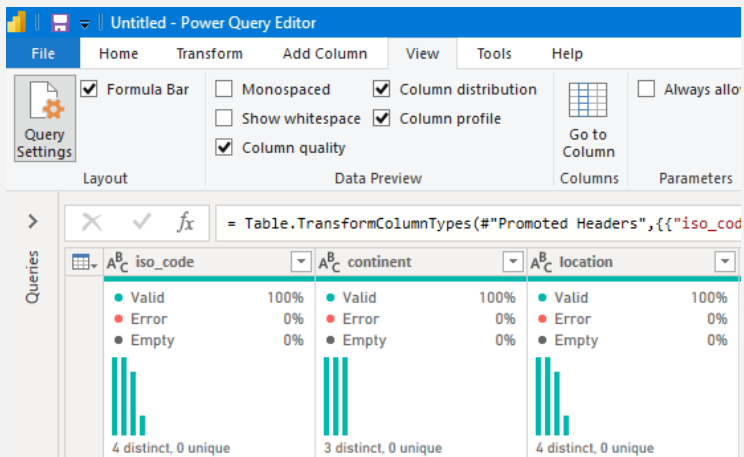


-02-

How is your  
data profile

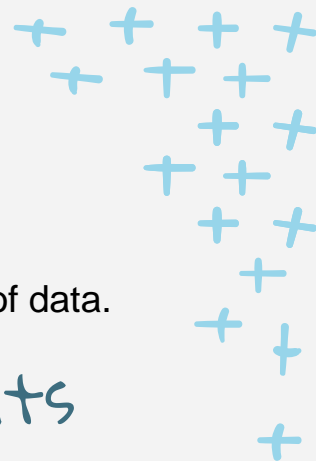
# Data Profiling

**Data profiling** is the process of examining, analyzing, and creating useful summaries of data.



## Summary Stats

- Average
- Min – Max
- Standard Deviation
- Count
- Empty
- Error
- Unique – Distinct
- NaN (Not a Number)





-03-

I wanna tell  
my story



An overview of the impact of  
coronavirus on Lesotho

# Key Variables



## New Cases

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Mercury is the smallest planet in the Solar System

## Deaths

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Despite being red, Mars is actually a cold place

## Recoveries

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Jupiter is the biggest planet in the Solar System

## Stringency

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Neptune is the eighth and farthest planet from the Sun

## Reproduction

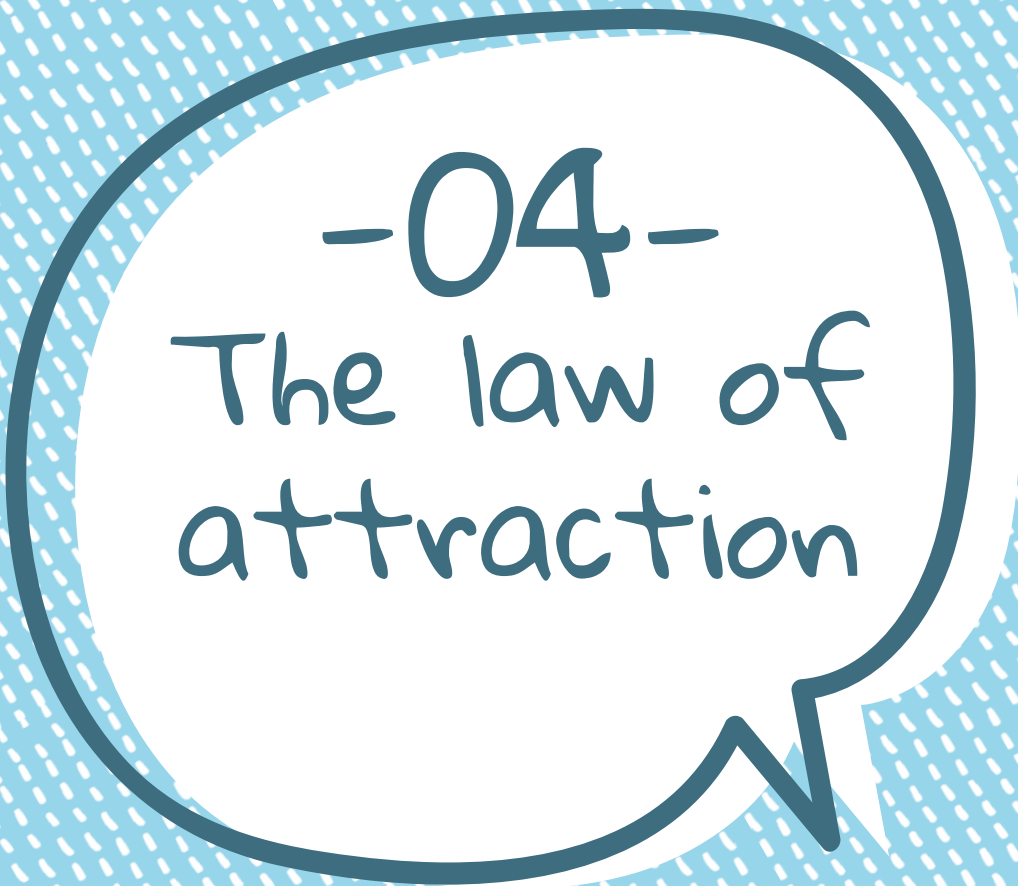
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Venus, the second planet from the Sun, has a beautiful name

## Facts

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Saturn is composed mostly of hydrogen and helium



-04-  
The law of  
attraction

# Who is making it happen

-01-

LinkedIn  
John David Ariansen

-02-

Power BI  
Community

-03-

Youtube  
Guy-in-a-Cube





Q&A



# Power BI

[www.codepool.tech](http://www.codepool.tech)