





Outline

Soul Searching? A
Time to look inward





strat·egy ['stratid3i]

NOUN

a plan of action designed to achieve a long-term or overall aim:
"time to develop a coherent economic strategy" · "shifts in marketing strategy"

What is smart?

SMART is an acronym that stands for Specific, Measurable, Achievable, Relevant and Time-based. Each element of the SMART framework works together to create a goal that is carefully planned, clear and trackable. Every effective strategy must rely on and be driven by qualitative and adequate data

You may have set goals in your past that were difficult to achieve because they were too vague, aggressive or poorly framed.



SUSTAINABLE GENERALS





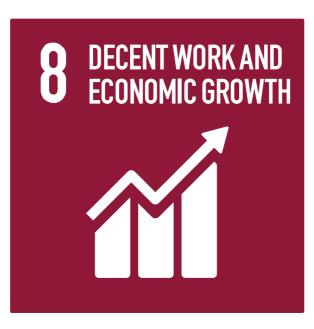


































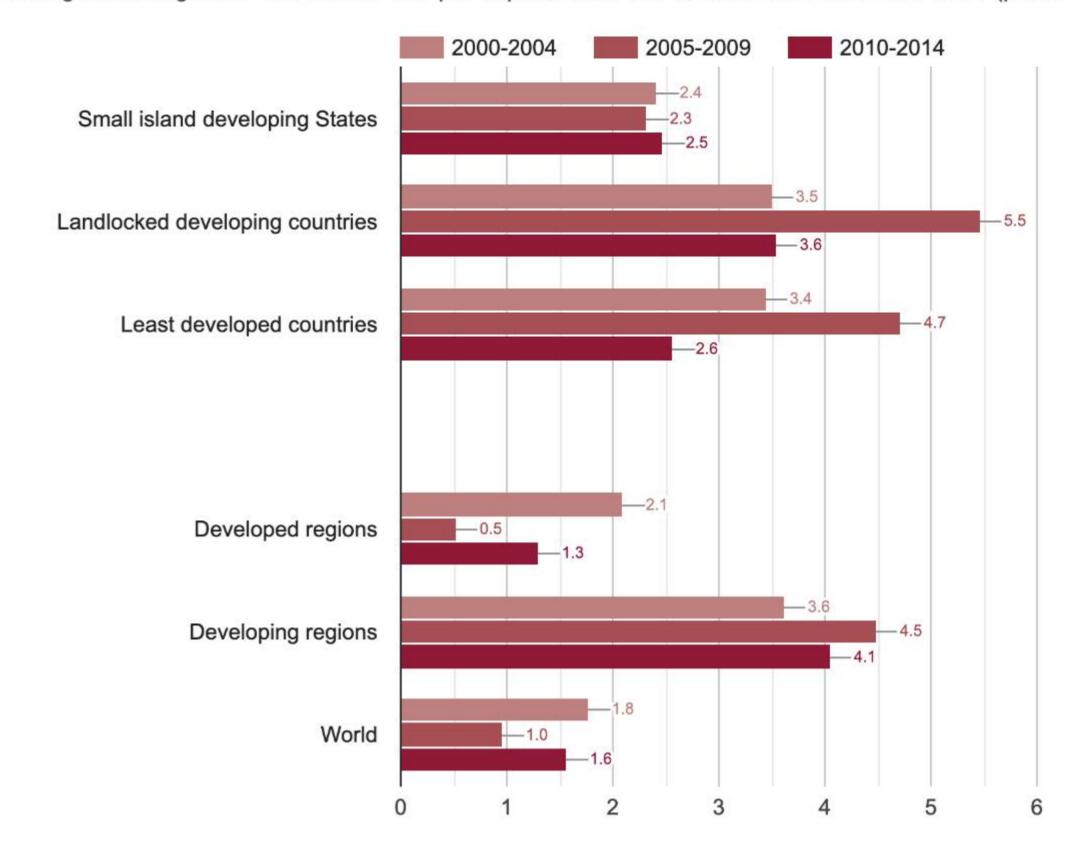
https://unstats.un.org/sdgs/report/2016/goal-08/

Increased economic growth is needed to meet the target of 7 percent GDP growth in the least developed countries.

In the period 2010-2014, the global average annual growth rate of real GDP per capita was 1.6 per cent, slightly below the rate achieved over the period of 2000–2004. The growth rate of countries in developing regions was more than triple that of developed regions (4.1 per cent versus 1.3 per cent, respectively).

However, the least developed countries, whose per capita growth accelerated for a time has since slowed to only 2.6 per cent on average during 2010-2014, less than half the target rate of at least 7 per cent a year.

Average annual growth rate of real GDP per capita, 2000-2004, 2005-2009 and 2010-2014 (percentage)



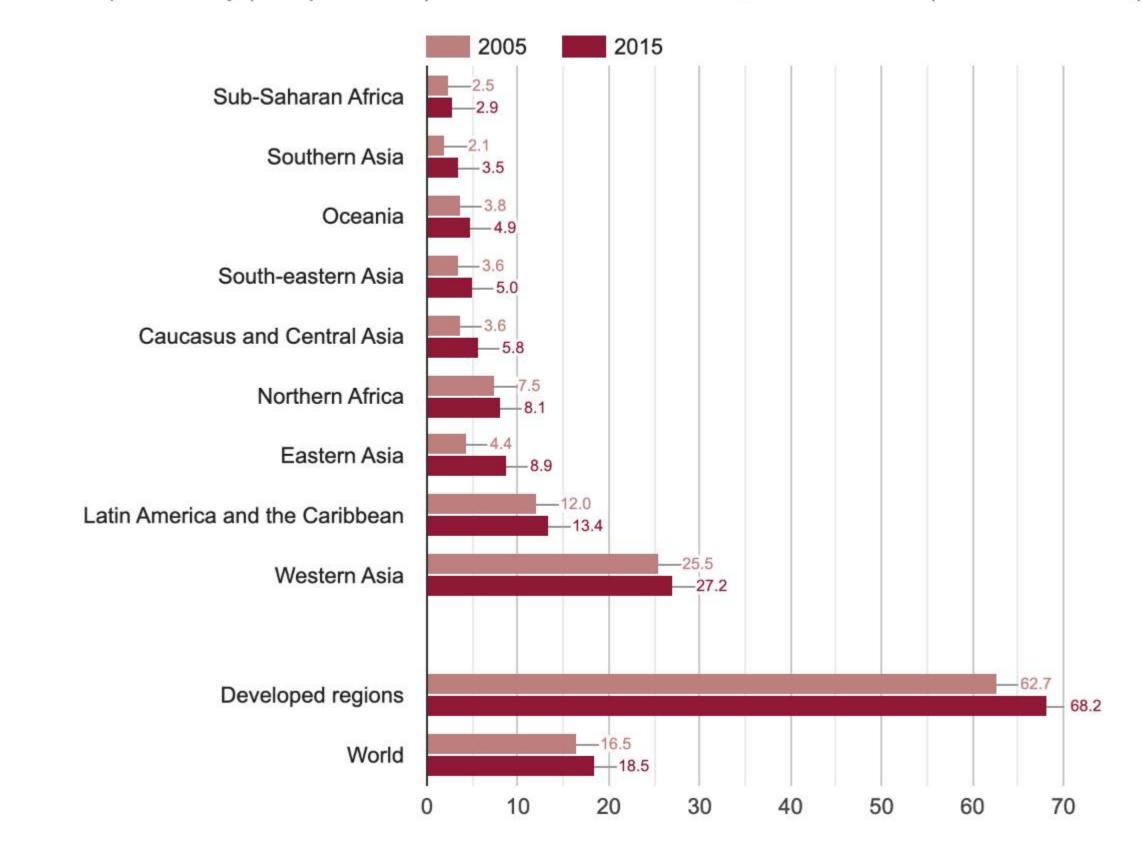
https://unstats.un.org/sdgs/report/2016/goal-08/

Labour productivity in developing regions, despite improvements, remains far below that of developed regions.

Growth in labour productivity in developing regions outpaced that of developed regions, especially in Asia.

Workers in Southern Asia and sub-Saharan Africa, for example, are only about 5 per cent as productive as those in developed regions, when measured as a percentage of GDP. Even the developing region with the highest labour productivity, Western Asia, has only about 40 per cent of the labour productivity of developed regions, and this rate has declined slightly since 2000.

Labour productivity (GDP per worker) in constant 2005 US dollars, 2005 and 2015 (Thousands of US\$)



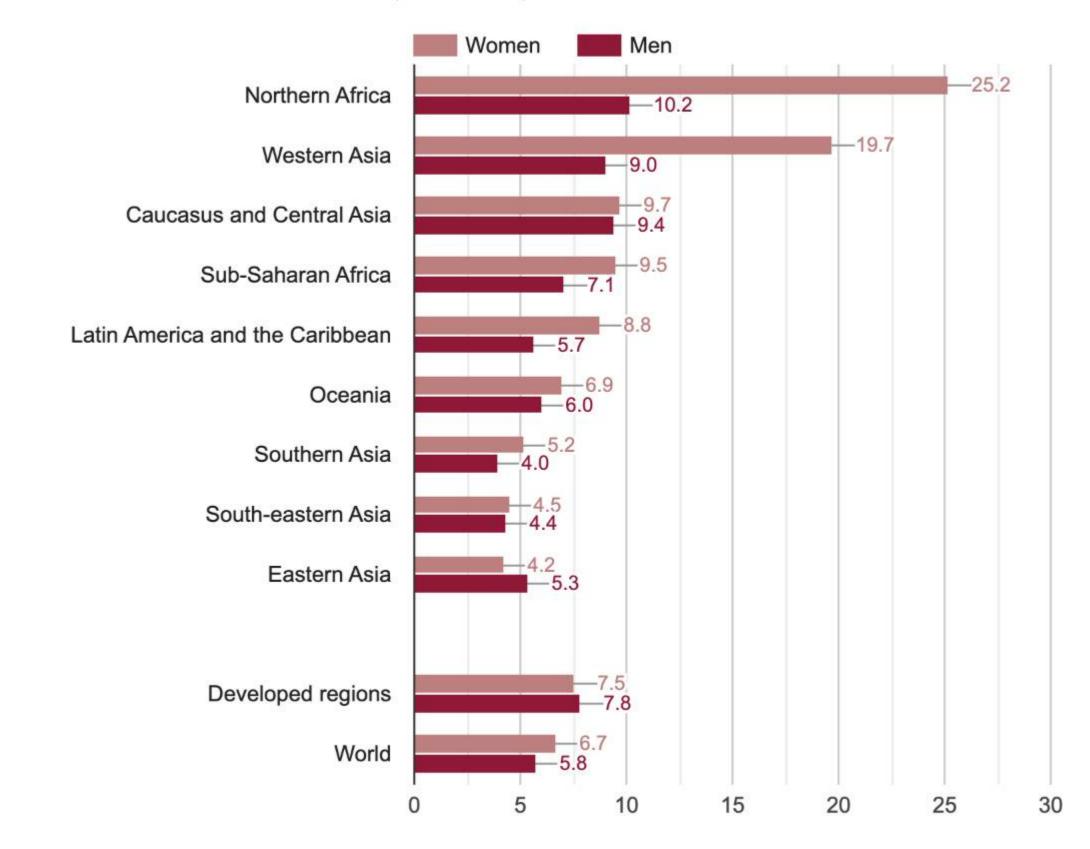
https://unstats.un.org/sdgs/report/2016/goal-08/

Women are 15 per cent more likely to be unemployed than men worldwide, but the gender gap is far larger in Northern Africa and Western Asia

Global unemployment rate stood at 6.1 per cent in 2015, down from a peak of 6.6 per cent in 2009. Unemployment was lowest in Southern, Eastern and South-Eastern Asia, below 5 per cent, compared to other regions of the world, where the average was around 7 per cent or higher.

Globally, women are more likely to be unemployed than men. Differences are most striking in Western Asia and Northern Africa, where the unemployment rate of women is more than twice that of men.

Unemployment rates by sex, 2015 (percentage)



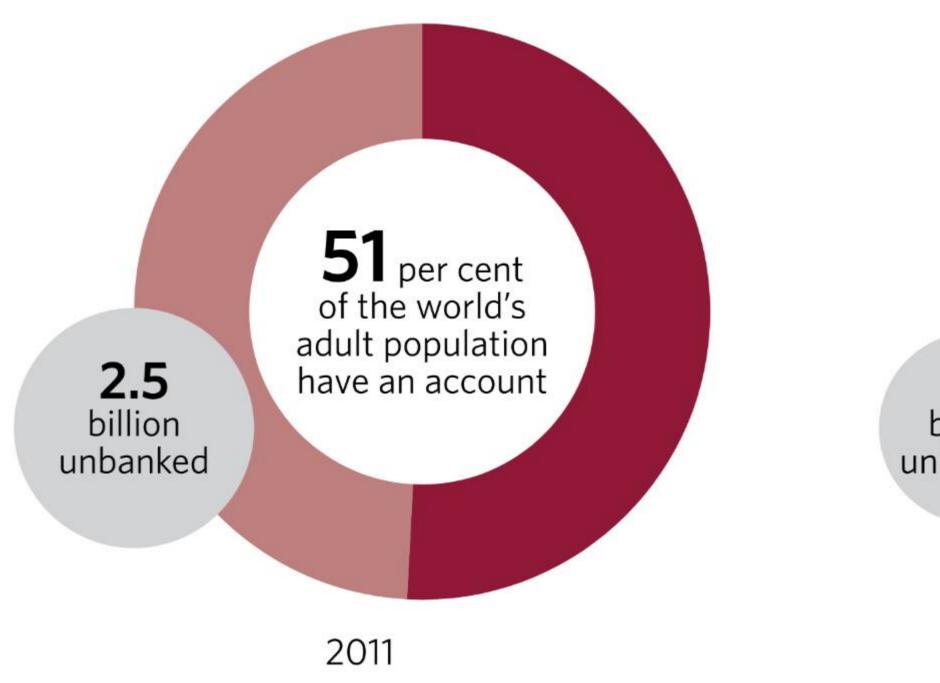


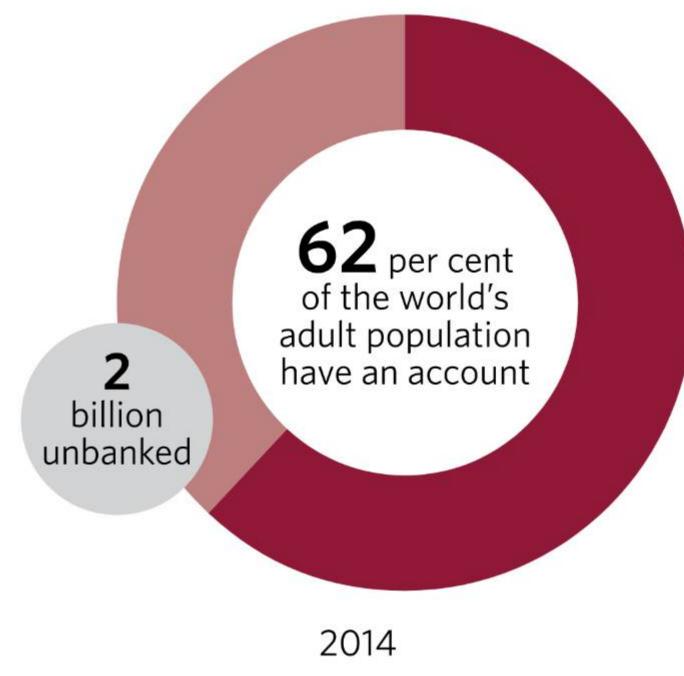
https://unstats.un.org/sdgs/report/2016/goal-08/

While the share of adults with bank accounts rose by 20 percent in four years, some two billion people still lack this important financial service

https://unstats.un.org/sdgs/report/2016/goal-08/

Proportion of the world's adult population that has an account at a financial institution, 2011 and 2014 (percentage)

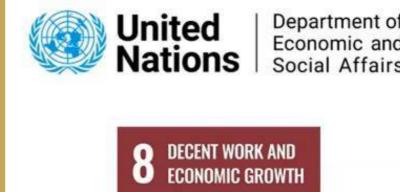


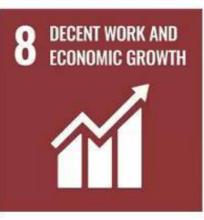


https://youtu.be/xCtuDnU1k3k

- ✓ The pandemic has resulted in volatile shifts in labour productivity, affecting small firms and the poorest countries the most
- ✓ Labour market recovery remains shaky
- ✓ Informal employment was not an option for many workers displaced at the start of the pandemic
- ✓ Rising poverty and pandemic-related disruptions are forcing millions of children into child labour
- ✓ Various shocks, including the war in Ukraine, continue to hinder robust economic recovery
- ✓ Training, education and employment suffered massive disruptions, with women facing the biggest challenges

https://unstats.un.org/sdgs/report/2022/goal-08/



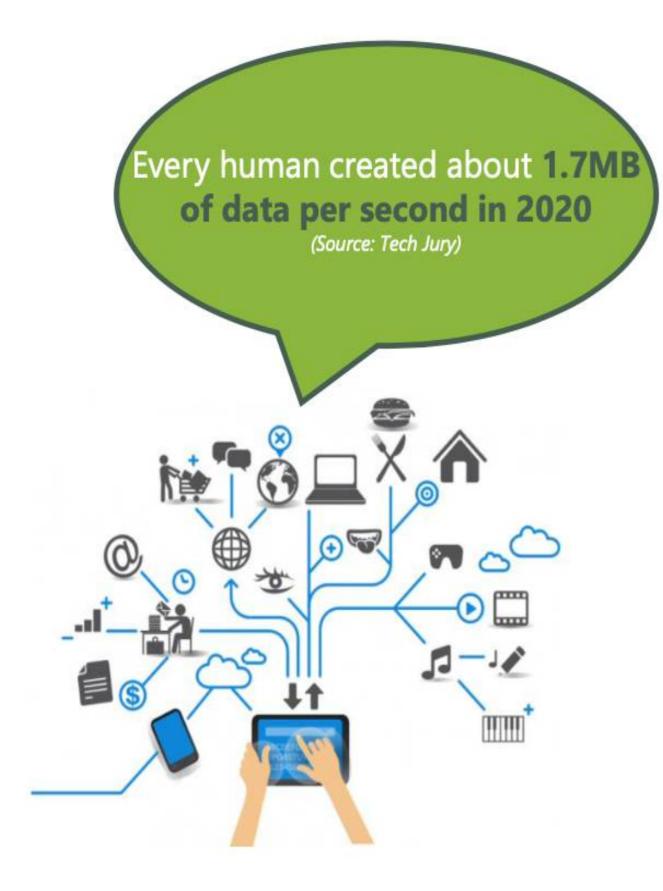








Big Data!



Every second, all over the world, there are 127 new devices connected to the internet. These connected devices produce 5 quintillion bytes of data daily, which could amount to 79.4

Zettabytes of data by 2025

(Source: IDC)



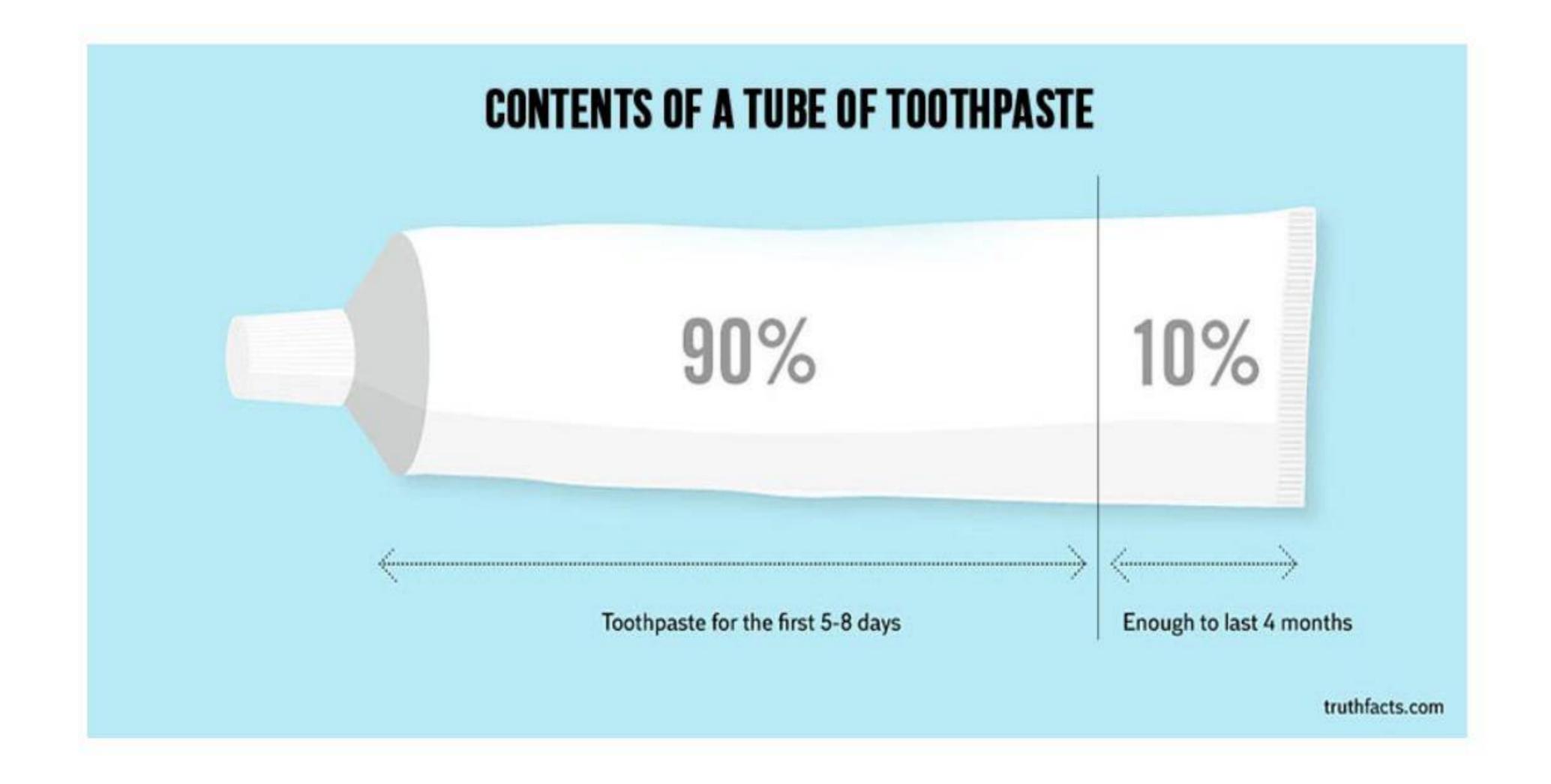
5 quintillion bytes are equal to the number of all ants on the planet multiplied by 200 (Source: Data Never Sleeps 5.0)







Who can relate?





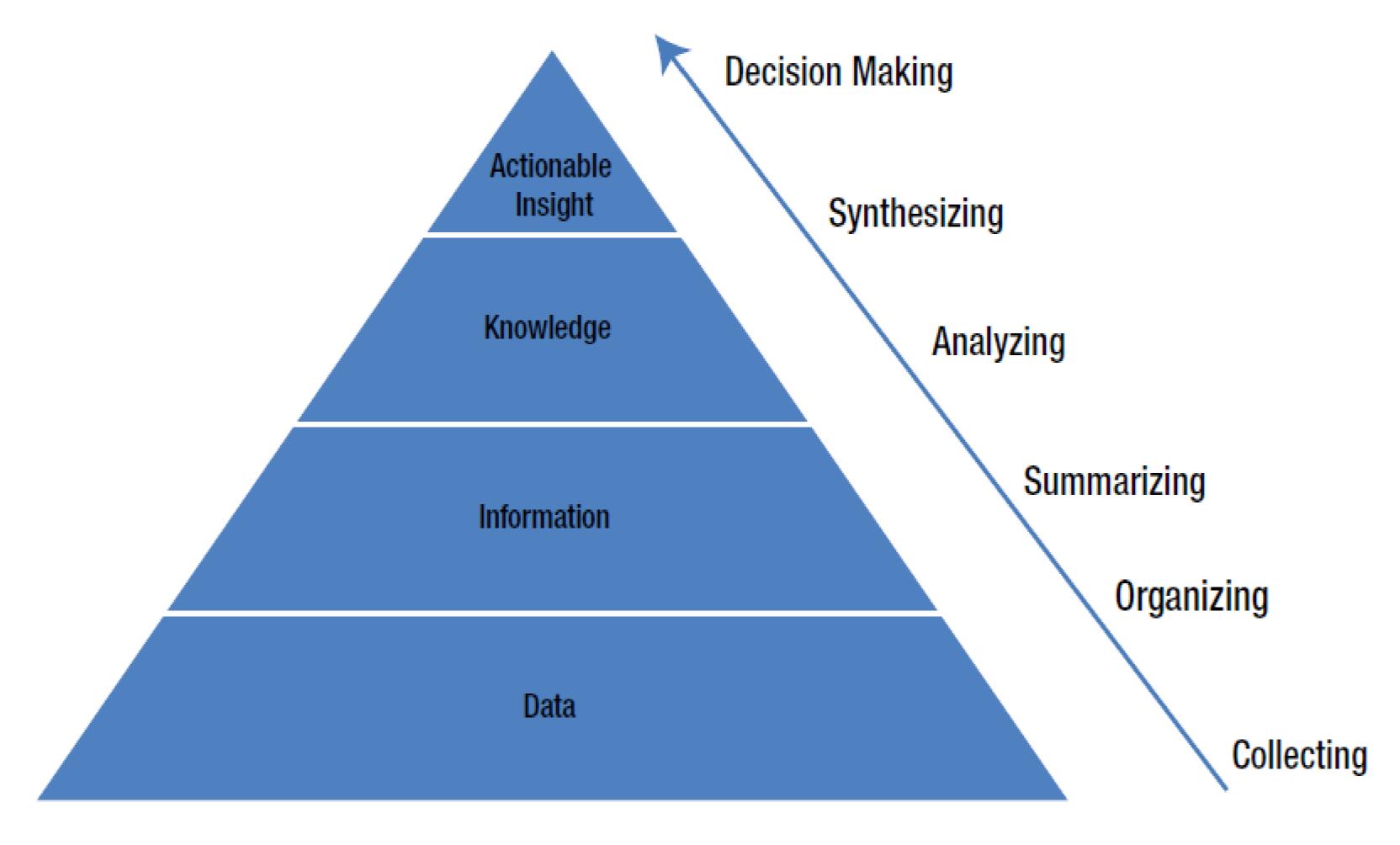
Data, data everywhere yet ...

- We can't find the data we need
 data is scattered over the network
- We can't get the data we need
 need an expert to get the data
- We can't understand the data we found available data is poorly documented
- We can't use the data we found data needs to be transformed from one form to another





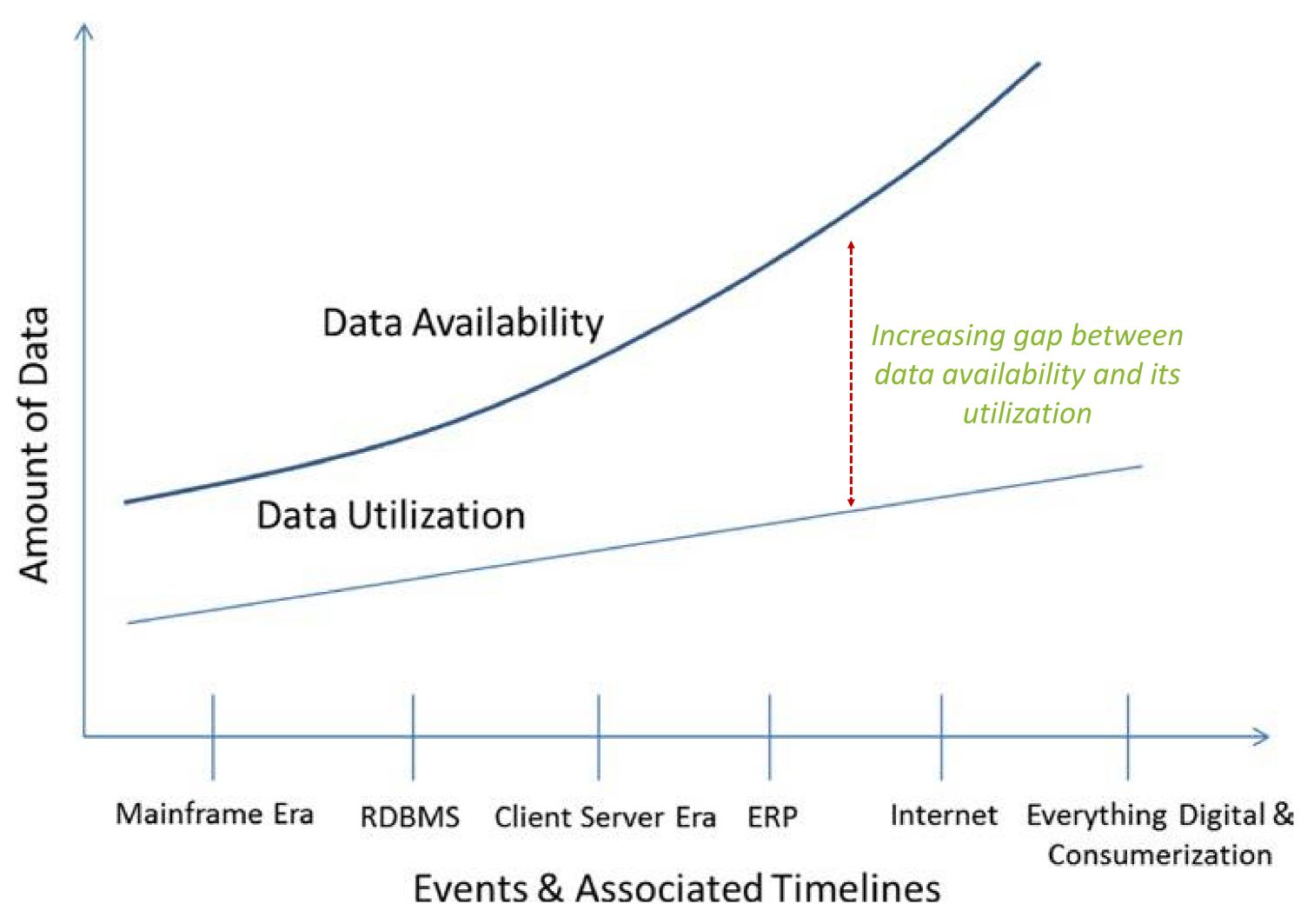
From Data to Decision-making...



Transforming raw data into action-guiding wisdom

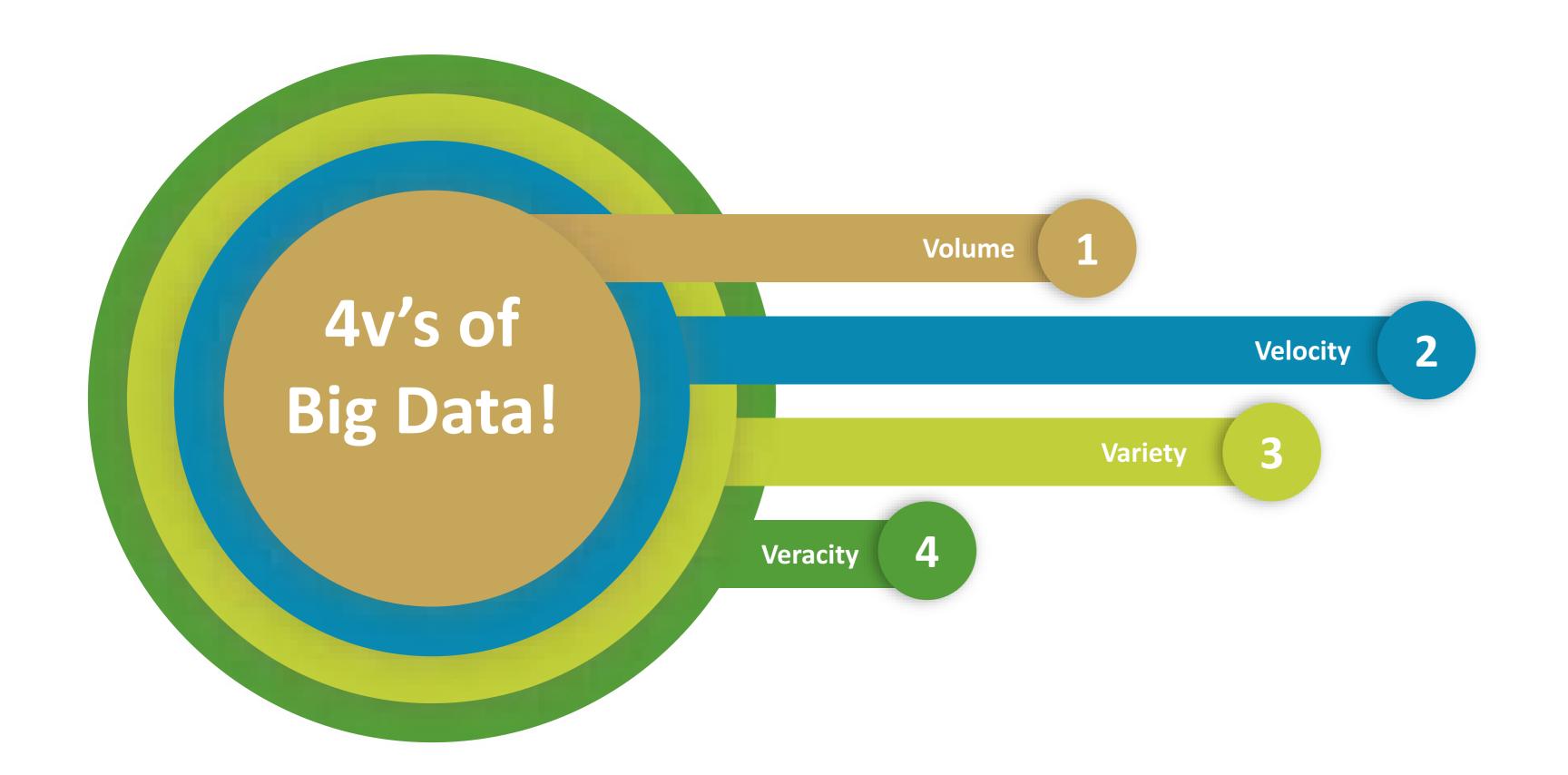


The Opportunity





Page: 14



Volume

Huge Data Size Terabytes – Petabytes

Velocity

High Speed of Data Flow, Change and processing

Variety

Various data source(social, mobile, M2M, structured and Unstructured data

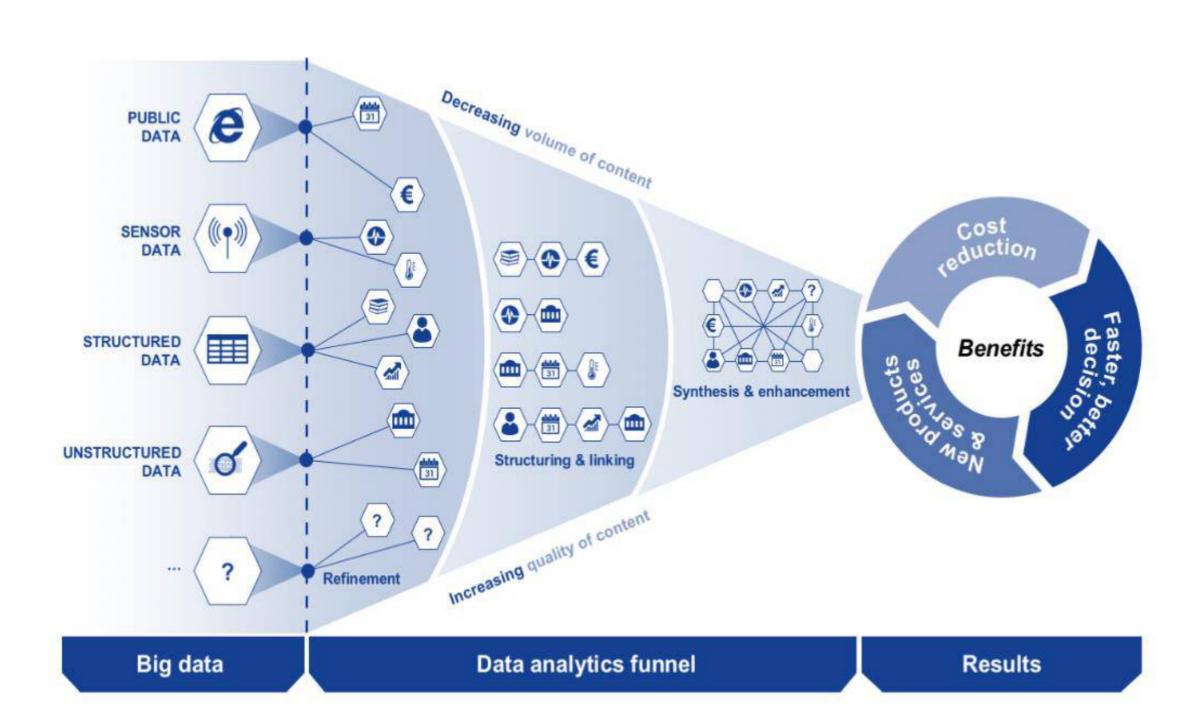
Veracity

Various levels of data uncertainty
And reliability

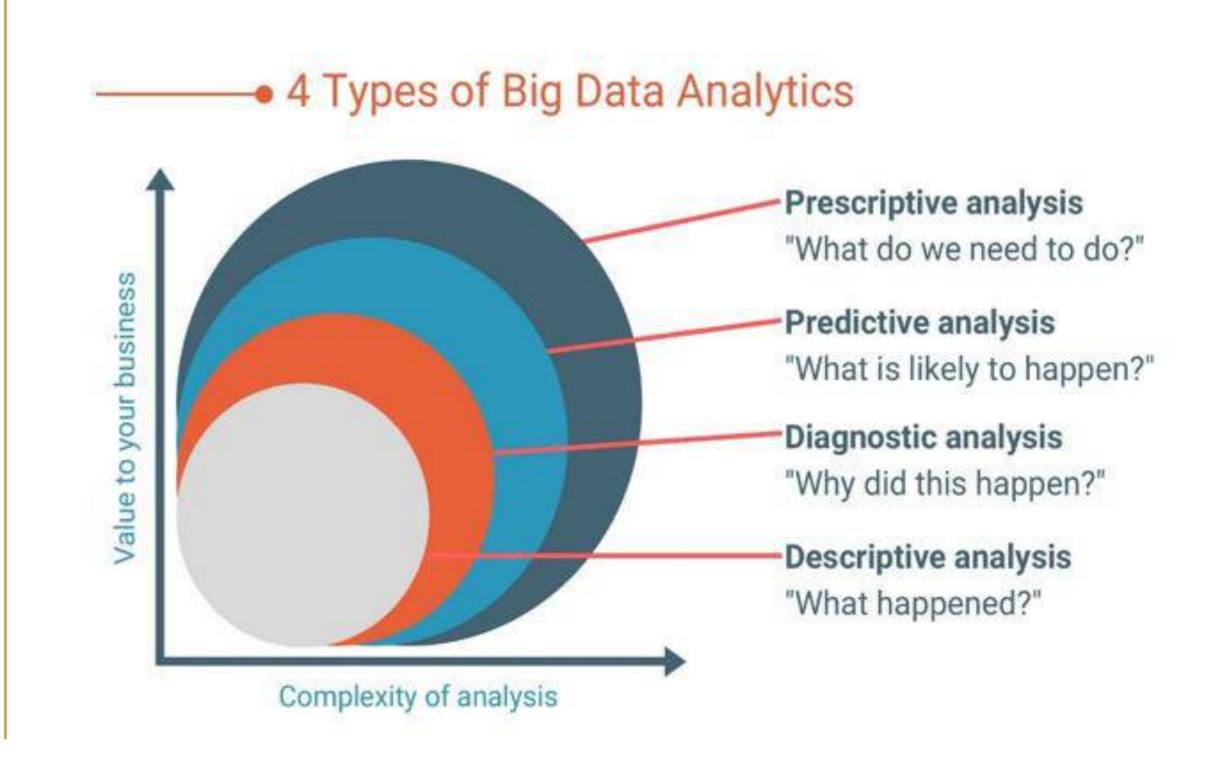


Overview of Big Data and Business Analytics

Big Data Analytics Funnel



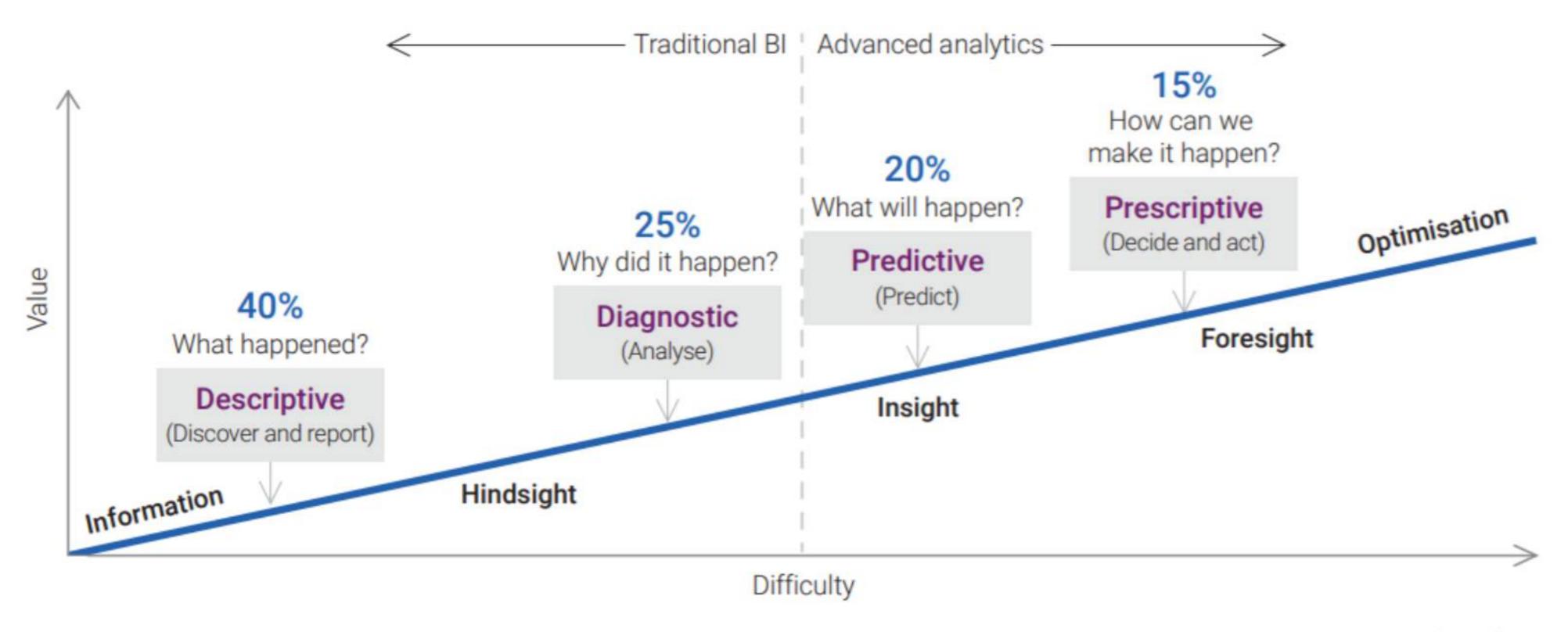
Types of Big Data Analytics





Types of Big Data Analytics cont'd

✓ Policy Analyst are realizing that predictive and prescriptive analytics provide greater value than traditional hindsight-orientated business intelligence







Use Case 1 – Retail Banking

Global Statistics on Transactions for the 1st Quarter of 2022 (IDH) **Total Number of Transactions**

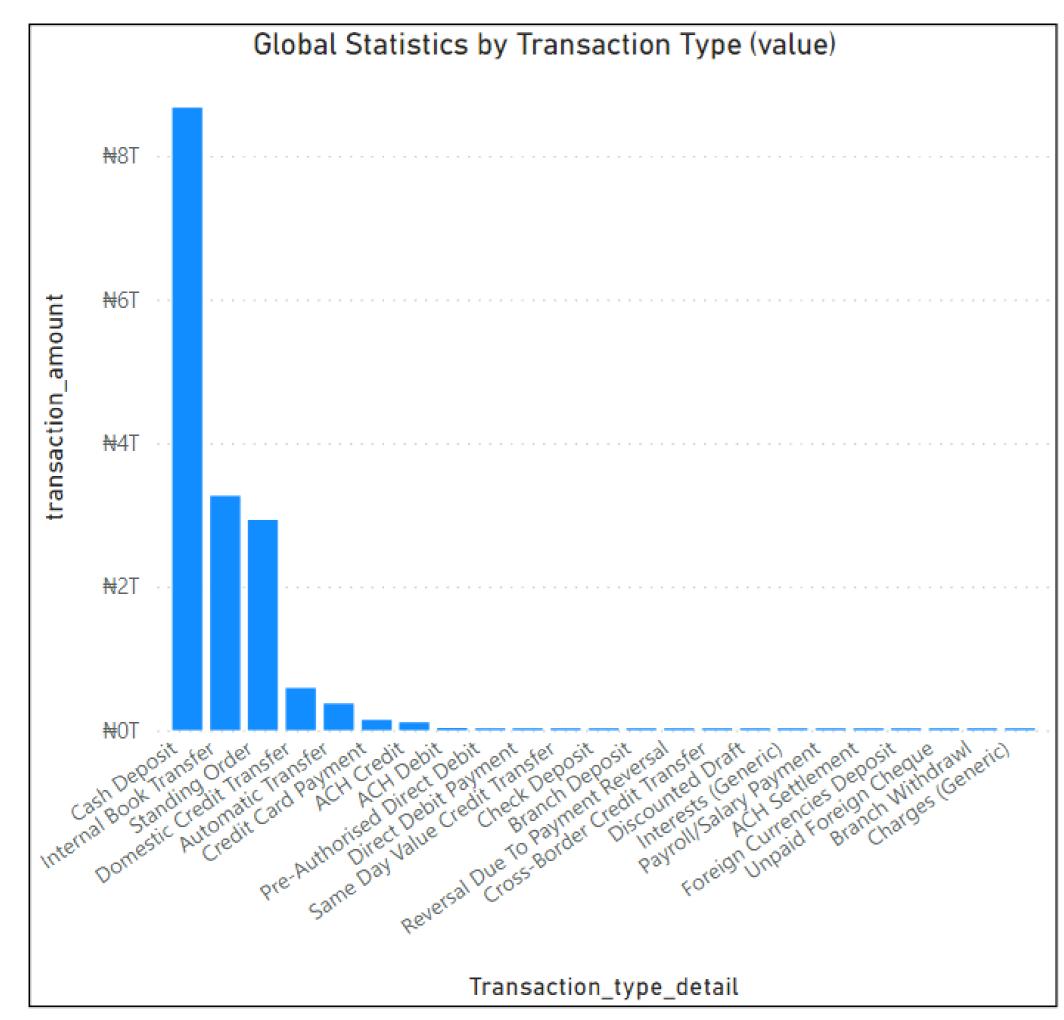
43.98M

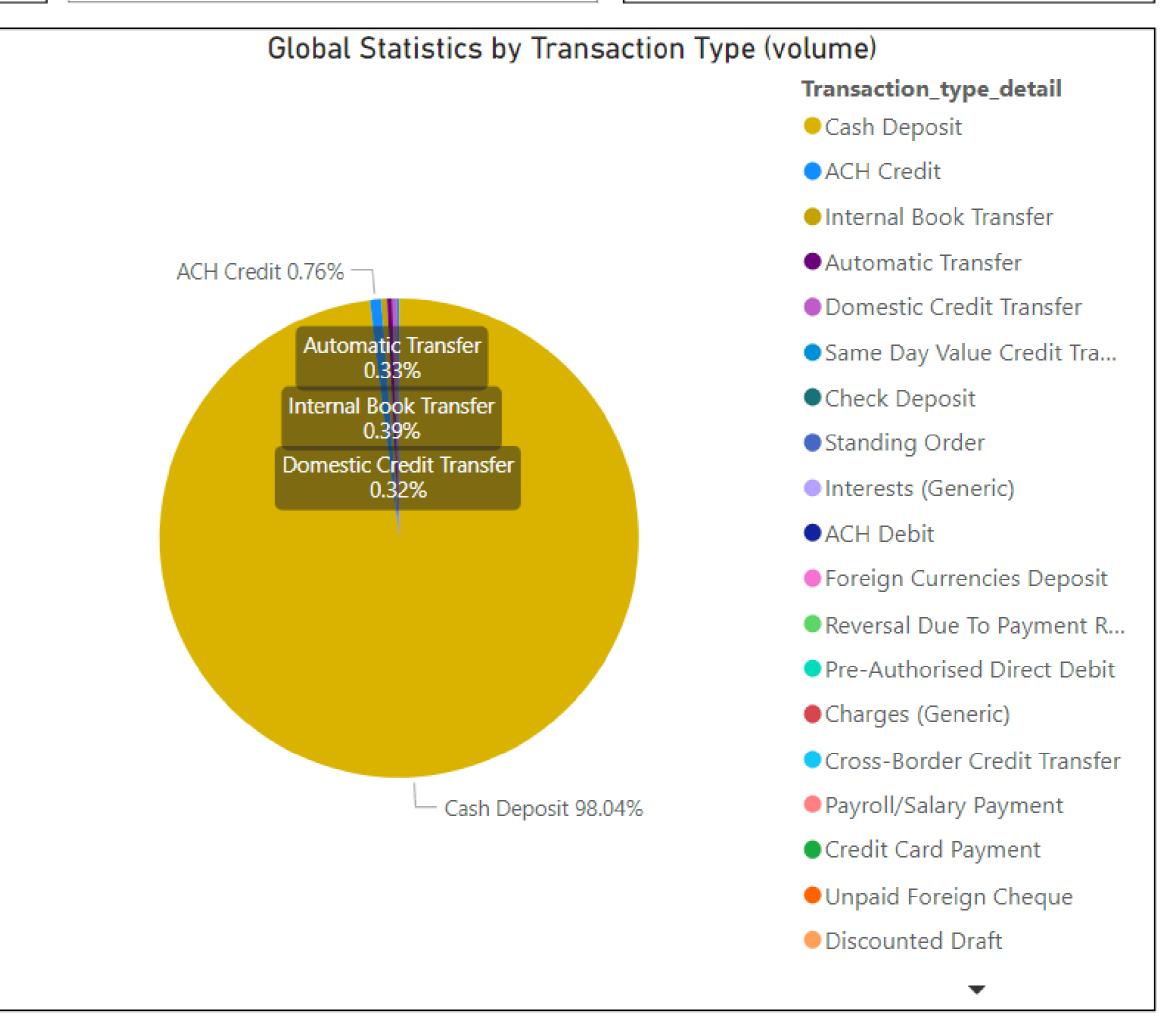
Total Transaction Amount 7 ···

+116.14T

Number of Banks

9





Use Case 1 – Retail Banking

Global Statistics on Transactions for the 1st Quarter of 2022 (IDH) **Total Number of Transactions**

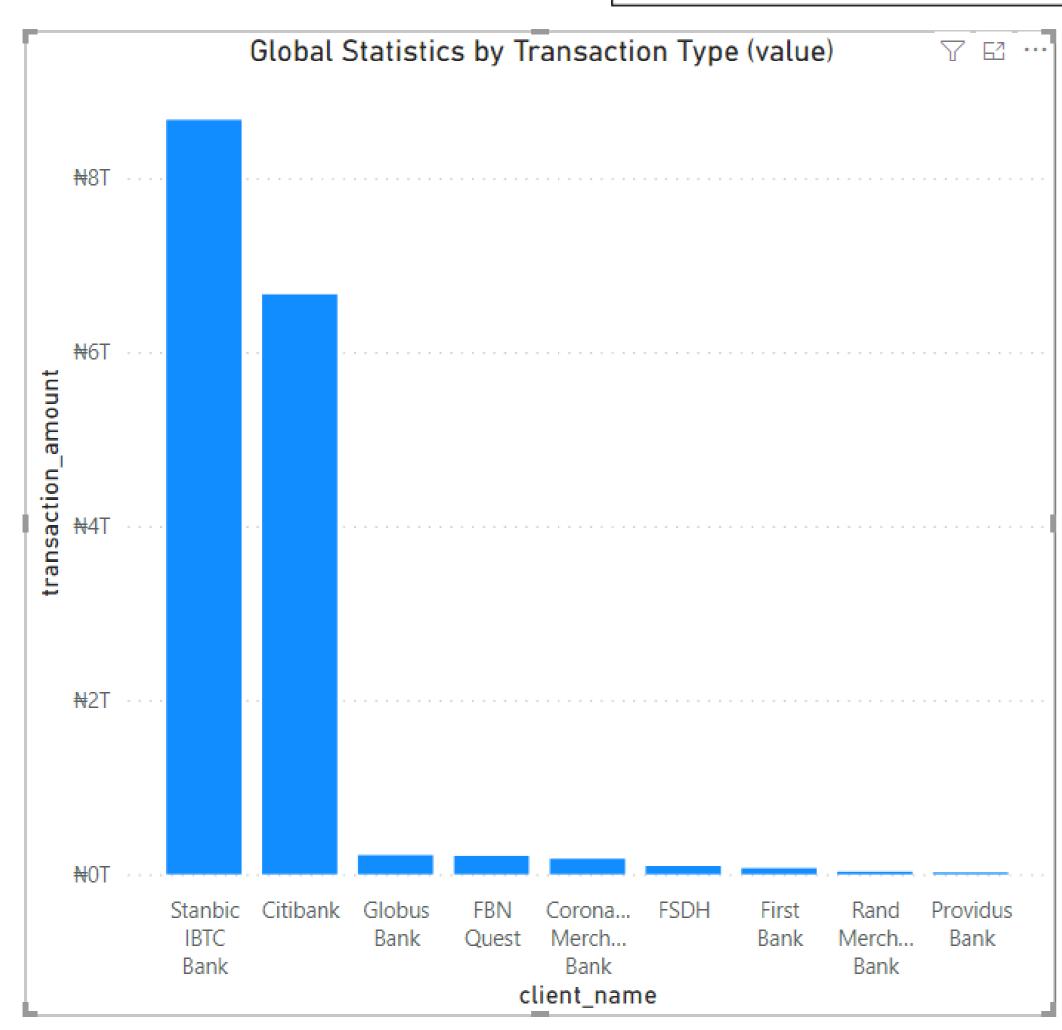
43.98M

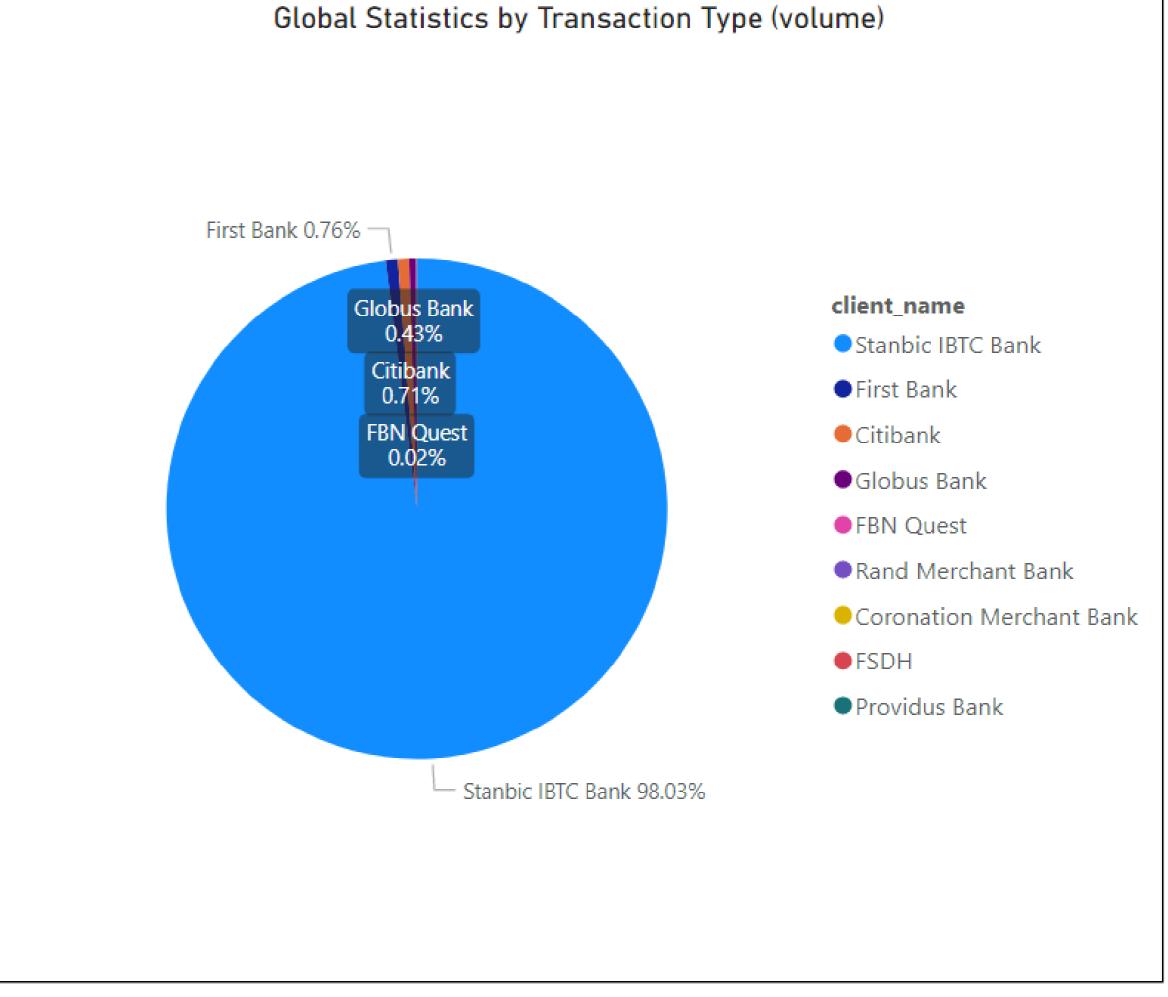
Total Transaction Amount

₩16.14T

Number of Banks

9



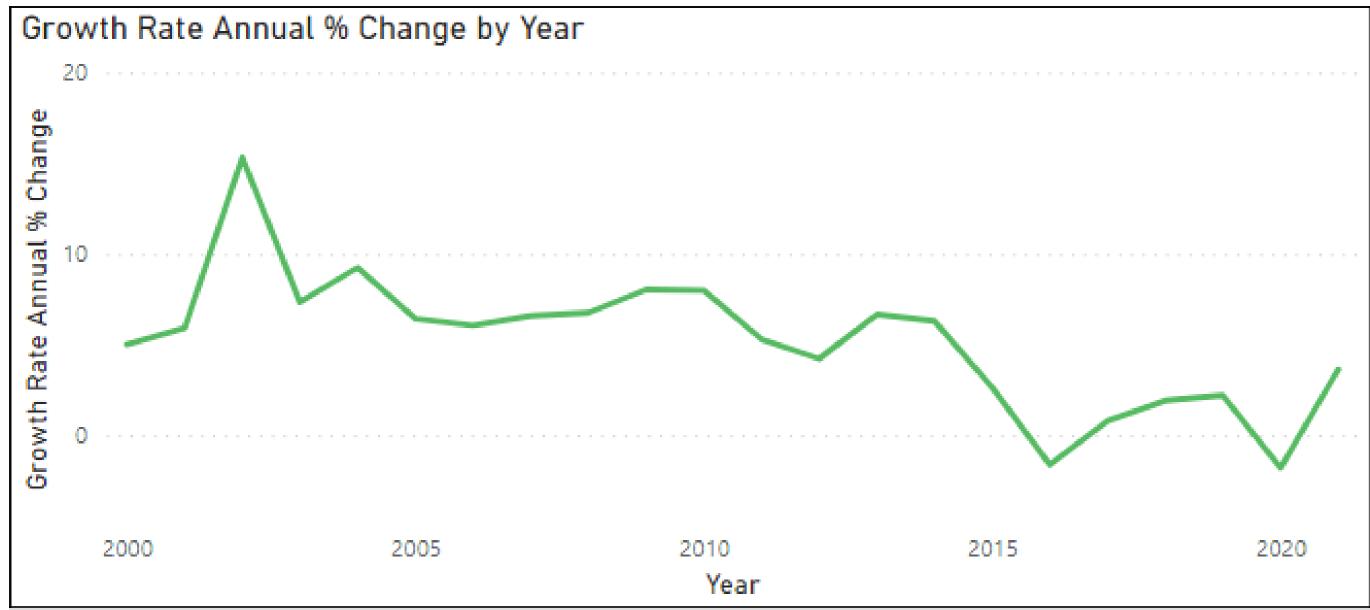


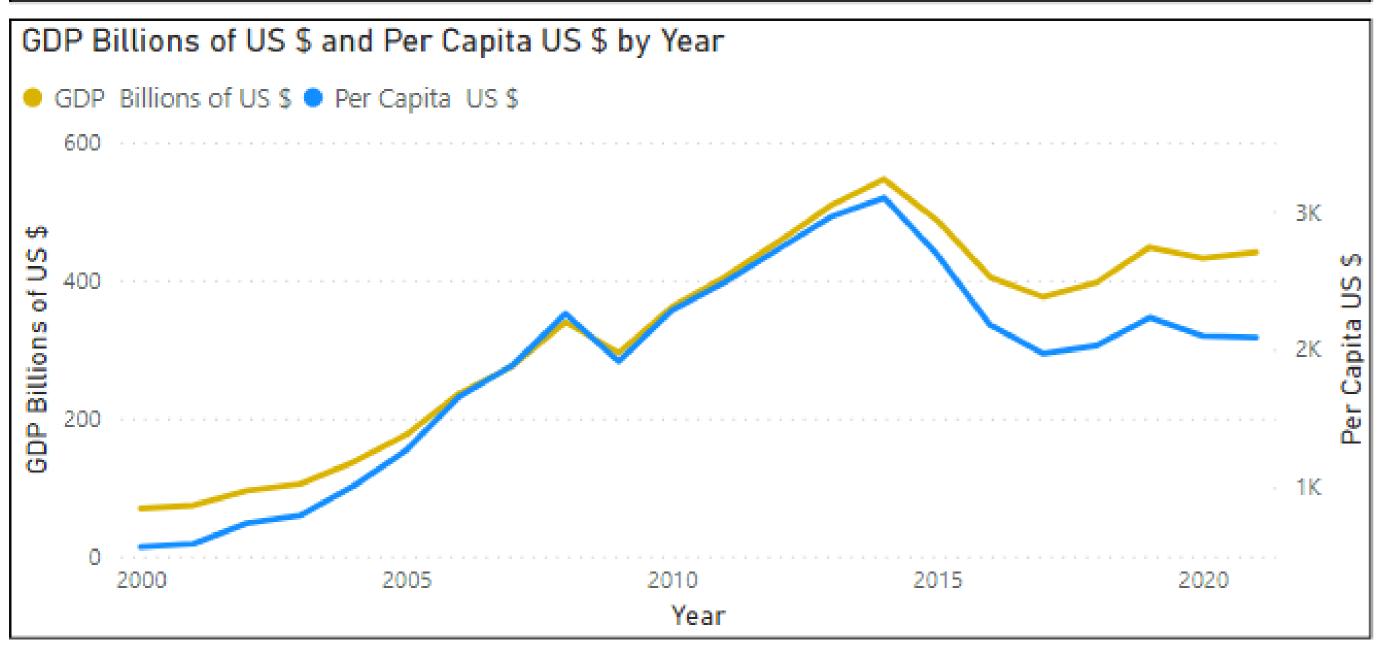
Use Case 1 – Retail Banking

| Transaction Type | Citibank | Coronation Merchant Bank | FBN Quest | First Bank | FSDH | Globus Bank | Providus Bank | Rand Merchant Bank | Stanbic IBTC Bank | Total |
|-------------------------------------|-----------------------------------|-----------------------------|---------------------|--------------------|--------------------------------|---------------------|---------------|--------------------|---------------------------|----------------------------|
| Cash Deposit | ₩463,543,840.38 | | | ₩866,946,958.20 | | | | | ₩8,671,318,790,550.28 | ₩8,672,649,281,348.86 |
| Internal Book Transfer | ₩3,198,195,738,884.95 | | ₩22,130,132,878.51 | | ₦38,860,068,719.05 | | | ₦3,636,792,941.93 | | ₩3,262,822,733,424.44 |
| Standing Order | ₩2,926,231,999,298.64 | | | | | ₩12,567,000.00 | | | | ₩2,926,244,566,298.64 |
| Domestic Credit Transfer | ₩511,165,965,934.93 | | | | ₩54,543,455,757.42 | | | ₩26,122,582,038.99 | | N591,832,003,731.34 |
| Automatic Transfer | | ₩176,199,429,316.7 5 | | | | ₩195,547,973,393.74 | | | | ₩371,747,402,710.49 |
| Credit Card Payment | | | ₩145,109,330,167.25 | | | | | | | ₩145,109,330,167.25 |
| ACH Credit | | | ₩30,303,188,953.37 | ₩68,224,352,277.51 | | ₩8,402,095,158.57 | | | | ₩106,929,636,389.45 |
| ACH Debit | | | ₩16,607,836,212.56 | | | ₩12,537,459,644.93 | | | | ₩29,145,295,857.49 |
| Pre-Authorised Direct Debit | ₦14,878,930,301.26 | | | | | | | | | ₦14,878,930,301.26 |
| Direct Debit Payment | ₩5,300,040,747.98 | | | | | | | | | ₩5,300,040,747.98 |
| Same Day Value Credit Transfer | | | | | | ₩5,211,640,320.39 | | | | ₩5,211,640,320.39 |
| Check Deposit | ₩3,584,885,973.20 | | ₩17,006,750.35 | | | | | | | ₩3,601,892,723.55 |
| Branch Deposit | ₩1,433,561,213.86 | | | | | | ₩523,170.00 | | | ₩1,434,084,383.86 |
| Reversal Due To Payment Reversal | | | | | | ₦1,063,247,774.60 | | | | ₩ 1,063,247,774.60 |
| Cross-Border Credit Transfer | ₩774,762,848.15 | | | | | | | | | ₩774,762,848.15 |
| Discounted Draft | ₩478,926,144.35 | | | | | | | | | ₩478,926,144.35 |
| Interests (Generic) | ₩265,042,682.91 | | | | | | | | | ₩265,042,682.91 |
| Payroll/Salary Payment | | | | | | ₩99,487,405.41 | | | | N 99,487,405.41 |
| ACH Settlement | ₩39,945,458.00 | | | | | | | | | ₩39,945,458.00 |
| Foreign Currencies Deposit | ₦3,069,153.54 | | | | | | | | | ₦3,069,153.54 |
| Unpaid Foreign Cheque | ₩1,334,208.96 | | | | | | | | | ₩1,334,208.96 |
| Branch Withdrawl | | | | | | | ₩1,061,800.00 | | | ₩1,061,800.00 |
| Charges (Generic) | | | | | | | ₩20,150.00 | | | ₩20,150.00 |
| Total | N 6,662,817,746,691.11 | ₦176,199,429,316. 75 | ₩214,167,494,962.04 | ₦69,091,299,235.71 | N 93,403,524,476.47 | ₩222,874,470,697.64 | ₦1,605,120.00 | ₦29,759,374,980.92 | ₩8,671,318,790,550. 28 | ₩16,139,633,736,030.92 |

Sustainable Nation

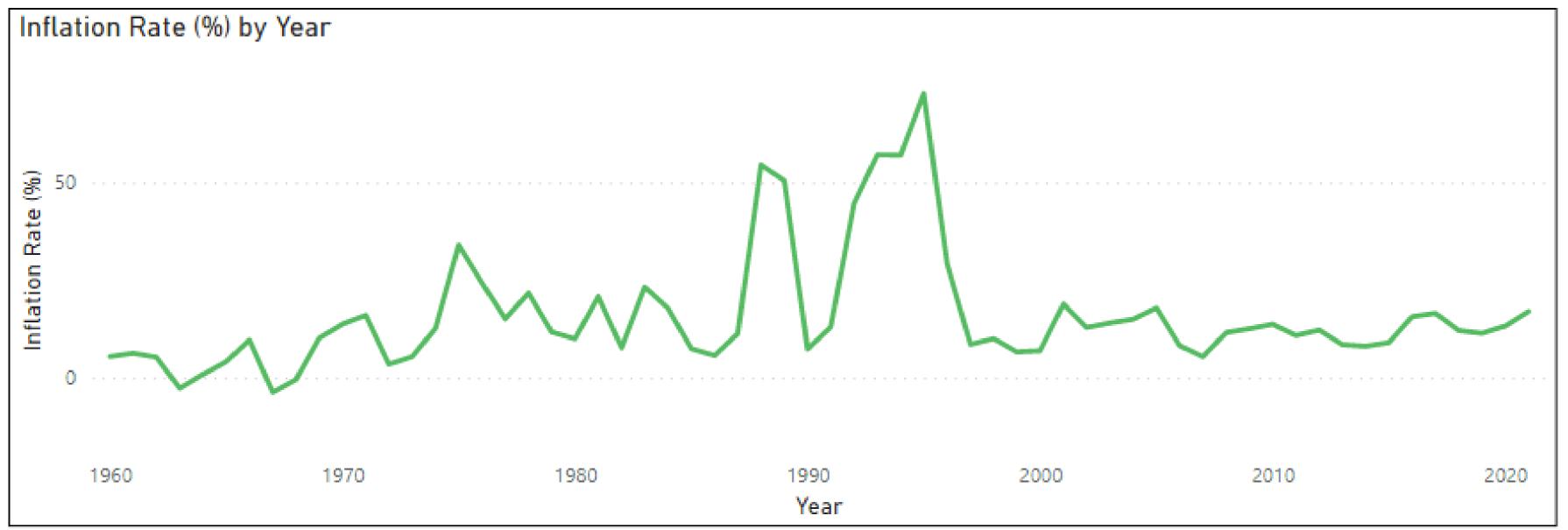
Nigeria Economic Growth Rate

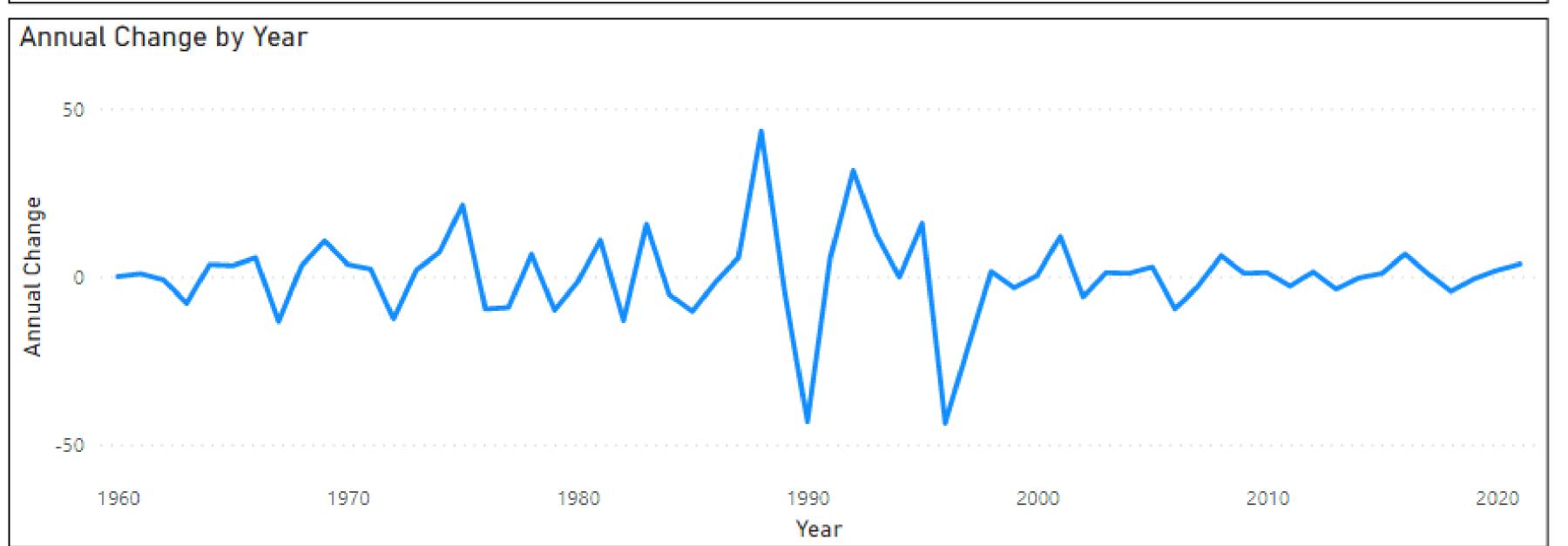




| Year | Per Capita US \$ | GDP Billions of US \$ | Growth Rate Annual % Change |
|------|------------------|-----------------------|-----------------------------|
| 2000 | 567.93 | 69.45 | 5.02 |
| 2001 | 590.38 | 74.03 | 5.92 |
| 2002 | 741.75 | 95.39 | 15.33 |
| 2003 | 795.39 | 104.91 | 7.35 |
| 2004 | 1,007.87 | 136.39 | 9.25 |
| 2005 | 1,268.38 | 176.13 | 6.44 |
| 2006 | 1,656.42 | 236.10 | 6.06 |
| 2007 | 1,883.46 | 275.63 | 6.59 |
| 2008 | 2,259.11 | 339.48 | 6.76 |
| 2009 | 1,911.61 | 295.01 | 8.04 |
| 2010 | 2,280.44 | 361.46 | 8.01 |
| 2011 | 2,487.60 | 404.99 | 5.31 |
| 2012 | 2,723.82 | 455.50 | 4.23 |
| 2013 | 2,961.55 | 508.69 | 6.67 |
| 2014 | 3,098.99 | 546.68 | 6.31 |
| 2015 | 2,687.48 | 486.80 | 2.65 |
| 2016 | 2,176.00 | 404.65 | -1.62 |
| 2017 | 1,968.57 | 375.75 | 0.81 |
| 2018 | 2,027.78 | 397.19 | 1.92 |
| 2019 | 2,229.86 | 448.12 | 2.21 |
| 2020 | 2,097.09 | 432.29 | -1.79 |
| 2021 | 2,085.03 | 440.78 | 3.65 |
| | | | |

Nigeria Inflation Rate CPI

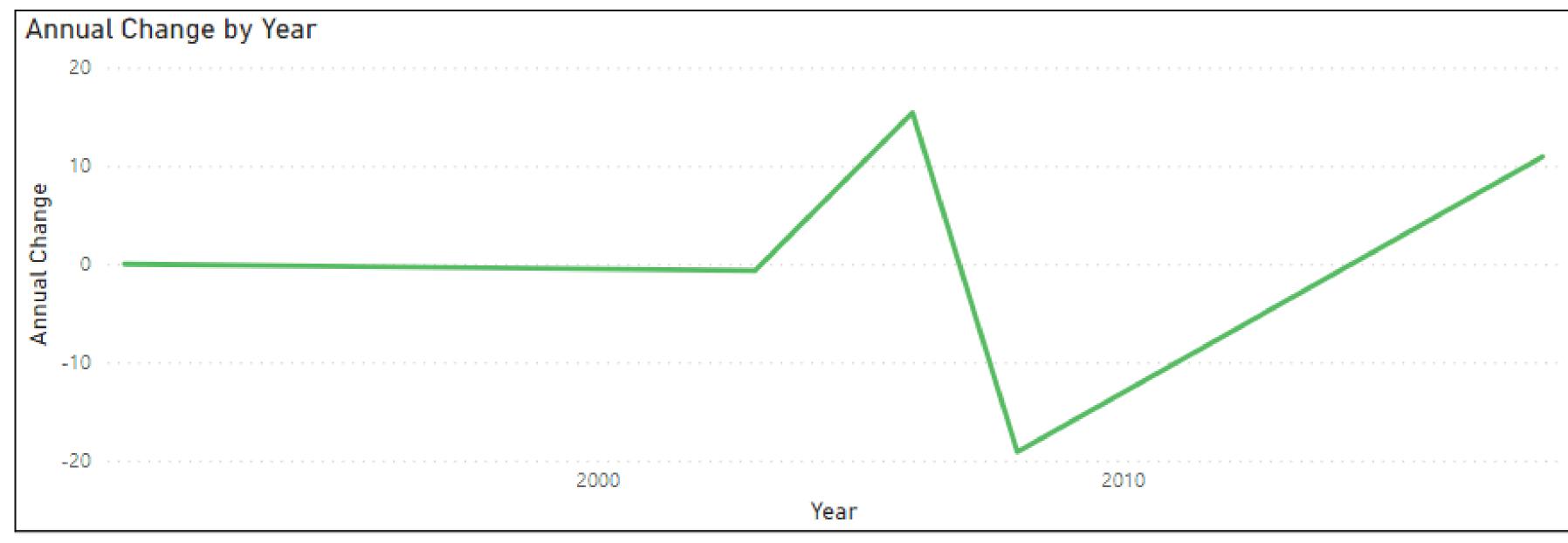




| Year | Annual Change | Inflation Rate (%) |
|------|---------------|--------------------|
| 2000 | 0.31 | 6.93 |
| 2001 | 11.94 | 18.87 |
| 2002 | -6.00 | 12.88 |
| 2003 | 1.16 | 14.03 |
| 2004 | 0.97 | 15.00 |
| 2005 | 2.87 | 17.86 |
| 2006 | -9.64 | 8.23 |
| 2007 | -2.84 | 5.39 |
| 2008 | 6.19 | 11.58 |
| 2009 | 0.97 | 12.56 |
| 2010 | 1.17 | 13.72 |
| 2011 | -2.88 | 10.84 |
| 2012 | 1.38 | 12.22 |
| 2013 | -3.74 | 8.48 |
| 2014 | -0.41 | 8.06 |
| 2015 | 0.95 | 9.01 |
| 2016 | 6.67 | 15.68 |
| 2017 | 0.85 | 16.52 |
| 2018 | -4.43 | 12.09 |
| 2019 | -0.70 | 11.40 |
| 2020 | 1.85 | 13.25 |
| 2021 | 3.71 | 16.95 |
| | | |

Classified as Confidential

Nigeria Literacy Rate



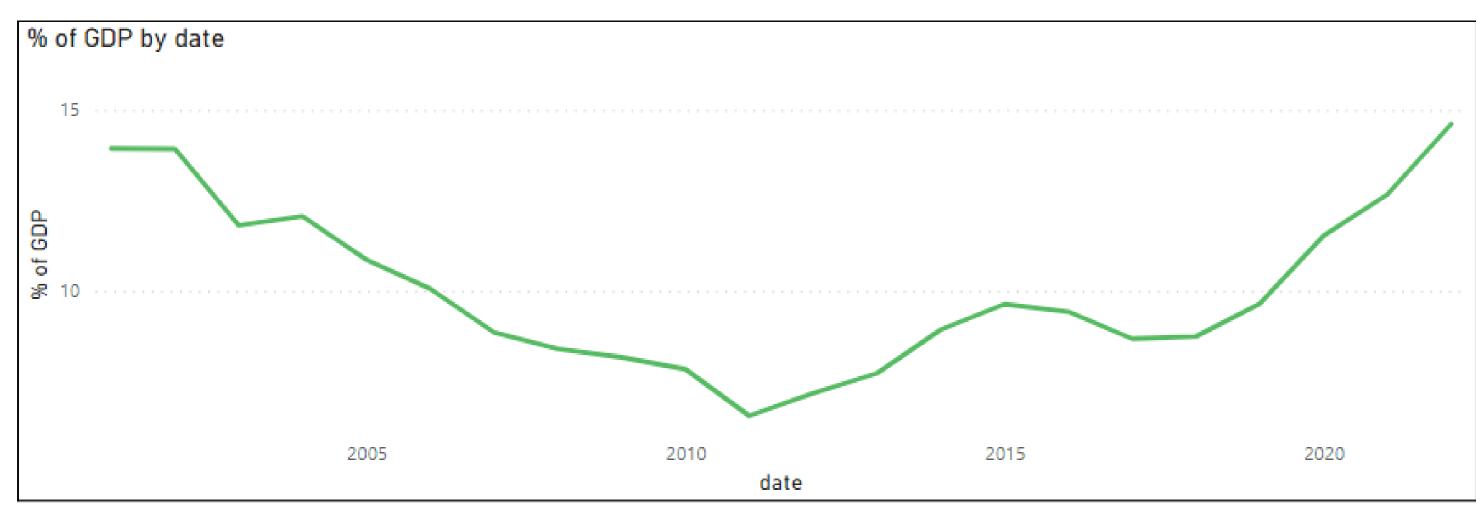
| Year | Literacy Rate | Annual Change |
|------|---------------|---------------|
| 1991 | 55.45 | 0.00 |
| 2003 | 54.77 | -0.67 |
| 2006 | 70.20 | 15.43 |
| 2008 | 51.08 | -19.12 |
| 2018 | 62.02 | 10.94 |

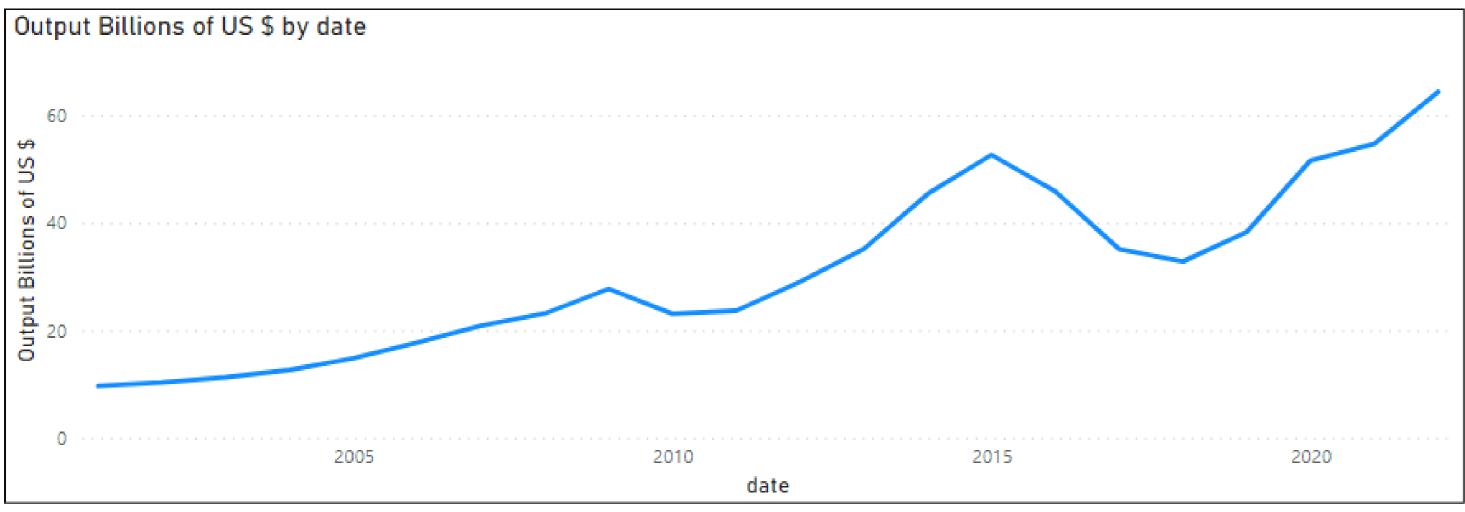
| Lite | eracy Rate by Year | | | |
|------|--------------------|------|------|------|
| | | | | |
| | 70 | | | |
| Rate | | | | |
| гасу | | | | |
| Lite | 60 | | | |
| | | | | |
| | 50 | | | |
| | | 2000 | Year | 2010 |

Classified as Confidential

| 03 | 54.77 | -0.67 | |
|----|-------|--------|--|
| 06 | 70.20 | 15.43 | |
| 80 | 51.08 | -19.12 | |
| 18 | 62.02 | 10.94 | |
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Nigeria Manufacturing Output

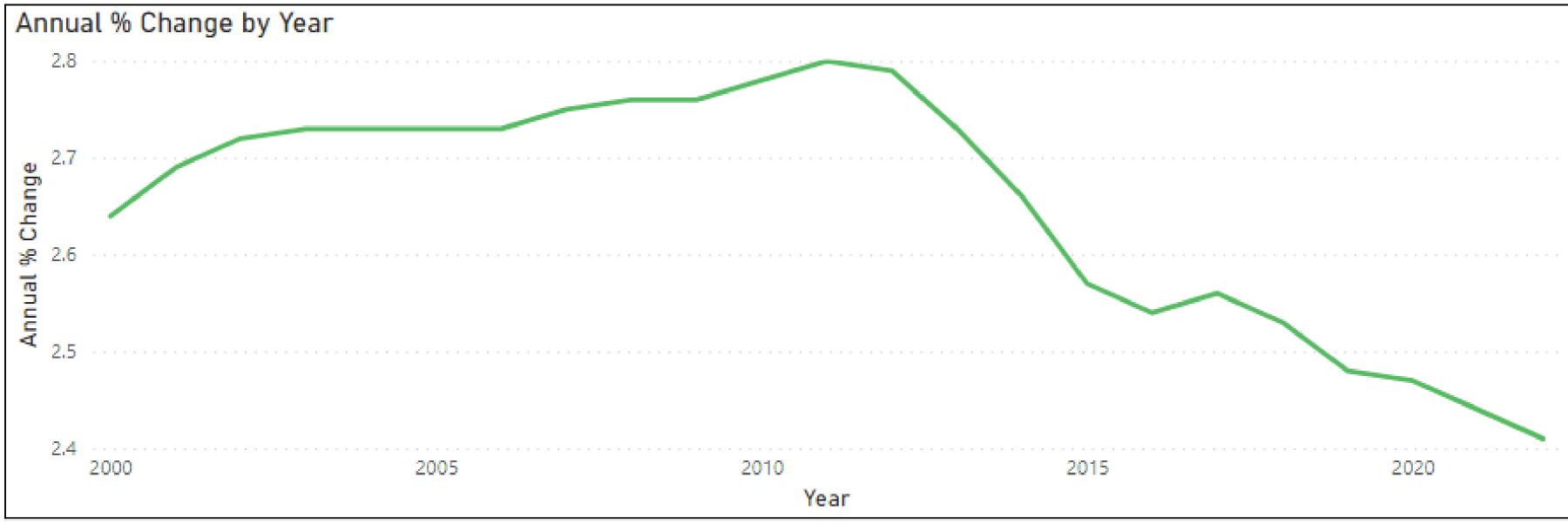




| date | Output Billions of US \$ | % of GDP |
|------|--------------------------|----------|
| 2000 | 9.68 | 13.93 |
| 2001 | 10.31 | 13.93 |
| 2002 | 11.27 | 11.81 |
| 2003 | 12.65 | 12.06 |
| 2004 | 14.81 | 10.86 |
| 2005 | 17.72 | 10.06 |
| 2006 | 20.90 | 8.85 |
| 2007 | 23.16 | 8.40 |
| 2008 | 27.73 | 8.17 |
| 2009 | 23.12 | 7.84 |
| 2010 | 23.69 | 6.55 |
| 2011 | 29.04 | 7.17 |
| 2012 | 35.19 | 7.72 |
| 2013 | 45.42 | 8.93 |
| 2014 | 52.68 | 9.64 |
| 2015 | 45.90 | 9.43 |
| 2016 | 35.12 | 8.68 |
| 2017 | 32.85 | 8.74 |
| 2018 | 38.32 | 9.65 |
| 2019 | 51.63 | 11.52 |
| 2020 | 54.76 | 12.67 |
| 2021 | 64.40 | 14.61 |



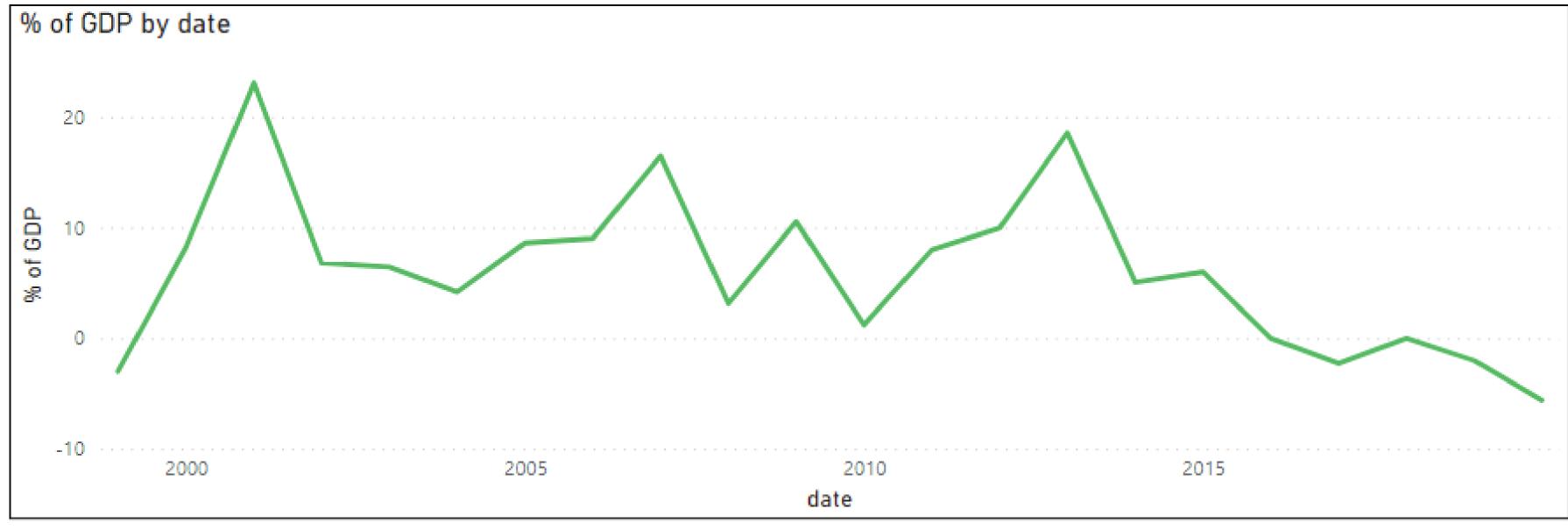
Nigeria Population Growth Rate

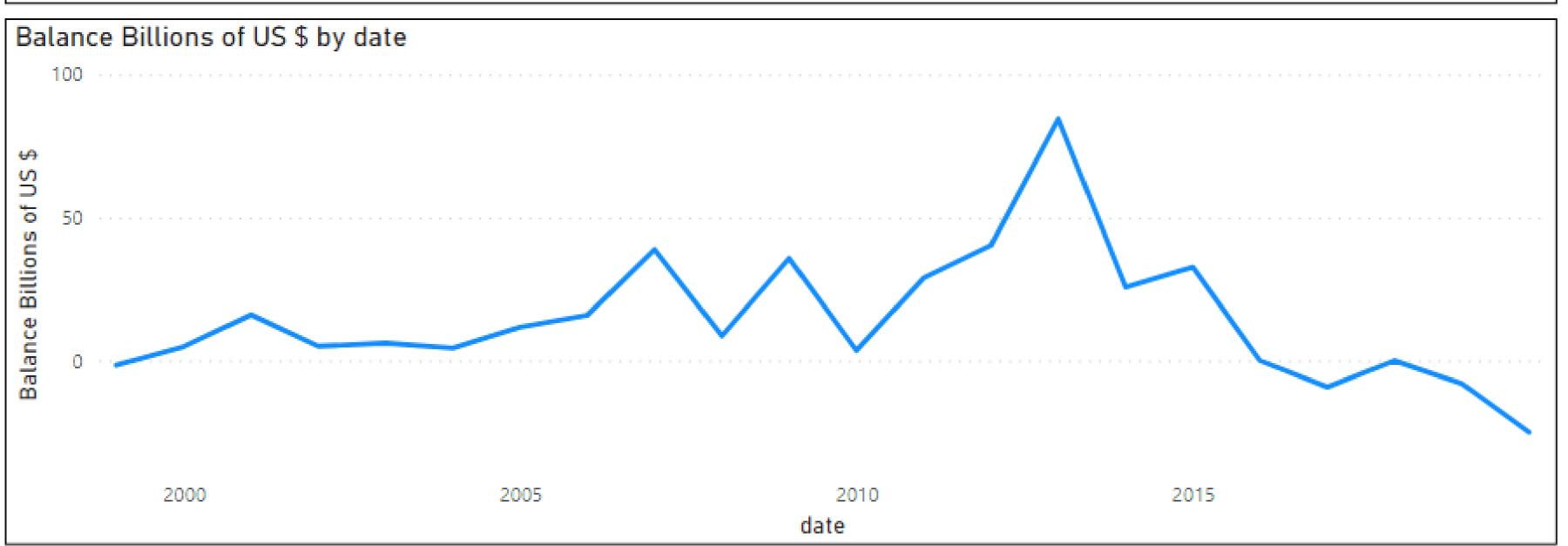


| Population by Year | | | | |
|--|------|---------------------|------|------|
| 200M · · · · · · · · · · · · · · · · · · | | | | |
| Population 150M | | | | |
| 2000 | 2005 | 2010 Year | 2015 | 2020 |

| Year | Population | Annual % Change |
|------|------------|-----------------|
| 2000 | 122851984 | 2.64 |
| 2001 | 126152678 | 2.69 |
| 2002 | 129583026 | 2.72 |
| 2003 | 133119801 | 2.73 |
| 2004 | 136756848 | 2.73 |
| 2005 | 140490722 | 2.73 |
| 2006 | 144329764 | 2.73 |
| 2007 | 148294028 | 2.75 |
| 2008 | 152382506 | 2.76 |
| 2009 | 156595758 | 2.76 |
| 2010 | 160952853 | 2.78 |
| 2011 | 165463745 | 2.80 |
| 2012 | 170075932 | 2.79 |
| 2013 | 174726123 | 2.73 |
| 2014 | 179379016 | 2.66 |
| 2015 | 183995785 | 2.57 |
| 2016 | 188666931 | 2.54 |
| 2017 | 193495907 | 2.56 |
| 2018 | 198387623 | 2.53 |
| 2019 | 203304492 | 2.48 |
| 2020 | 208327405 | 2.47 |
| 2021 | 213401323 | 2.44 |
| 2022 | 218541212 | 2.41 |

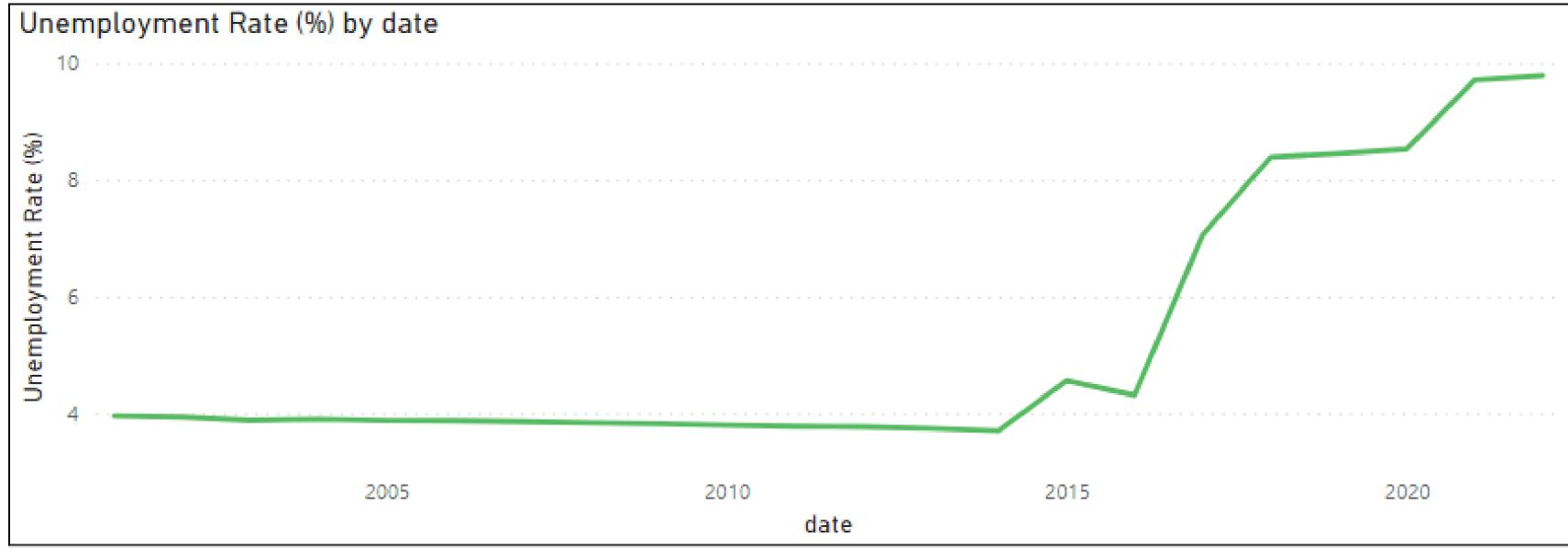
Nigeria Trade Balance Deficit

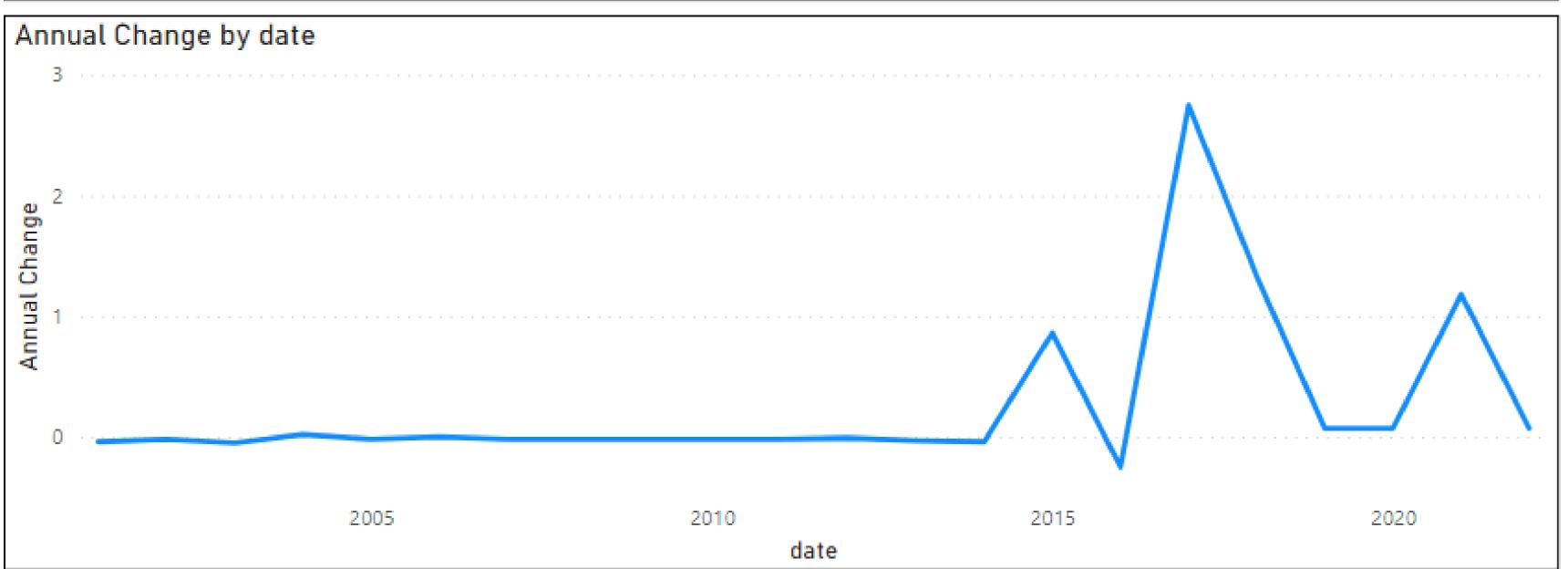




| date | Balance Billions of US \$ | % of GDP |
|------|---------------------------|----------|
| 1998 | -1.63 | -2.99 |
| 1999 | 4.87 | 8.21 |
| 2000 | 16.01 | 23.05 |
| 2001 | 5.05 | 6.82 |
| 2002 | 6.15 | 6.44 |
| 2003 | 4.37 | 4.17 |
| 2004 | 11.75 | 8.61 |
| 2005 | 15.87 | 9.01 |
| 2006 | 38.88 | 16.47 |
| 2007 | 8.64 | 3.14 |
| 2008 | 35.79 | 10.54 |
| 2009 | 3.55 | 1.20 |
| 2010 | 28.92 | 8.00 |
| 2011 | 40.32 | 9.96 |
| 2012 | 84.54 | 18.56 |
| 2013 | 25.69 | 5.05 |
| 2014 | 32.72 | 5.99 |
| 2015 | 0.00 | 0.00 |
| 2016 | -9.25 | -2.29 |
| 2017 | -0.02 | 0.00 |
| 2018 | -8.00 | -2.01 |
| 2019 | -25.01 | -5.58 |
| | | |

Nigeria Unemployment Rate



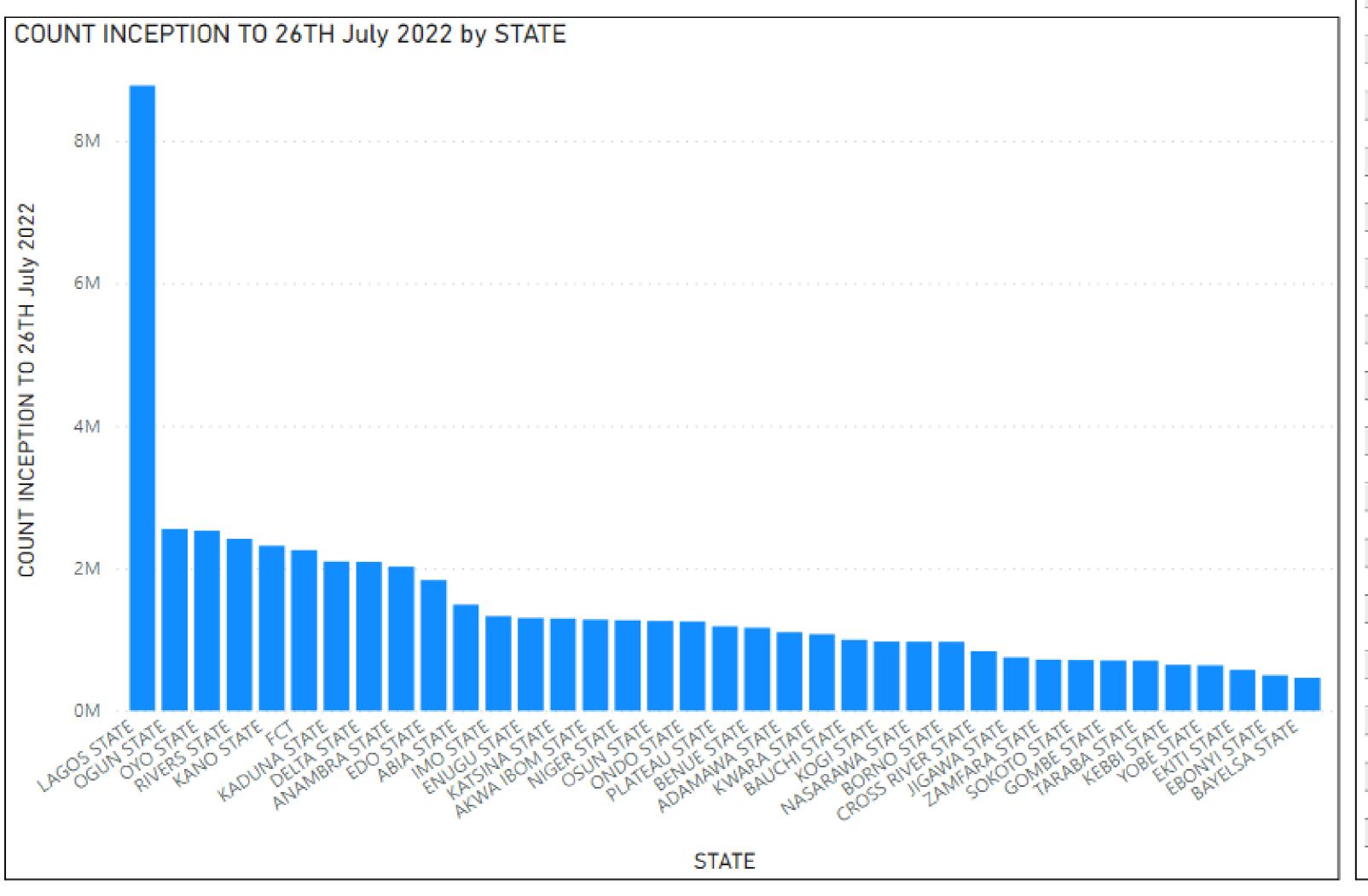


| date | Annual Change | Unemployment Rate (% |
|------|---------------|----------------------|
| 2000 | -0.04 | 3.9 |
| 2001 | -0.02 | 3.9 |
| 2002 | -0.05 | 3.8 |
| 2003 | 0.02 | 3.9 |
| 2004 | -0.02 | 3.8 |
| 2005 | 0.00 | 3.8 |
| 2006 | -0.02 | 3.8 |
| 2007 | -0.02 | 3.8 |
| 2008 | -0.02 | 3.8 |
| 2009 | -0.02 | 3.8 |
| 2010 | -0.02 | 3.7 |
| 2011 | -0.01 | 3.7 |
| 2012 | -0.03 | 3.7 |
| 2013 | -0.04 | 3.7 |
| 2014 | 0.86 | 4.5 |
| 2015 | -0.25 | 4.3 |
| 2016 | 2.75 | 7.0 |
| 2017 | 1.33 | 8.3 |
| 2018 | 0.07 | 8.4 |
| 2019 | 0.07 | 8.5 |
| 2020 | 1.18 | 9.7 |
| 2021 | 0.07 | 9.7 |

BVN Enrollment by State up to July 2022

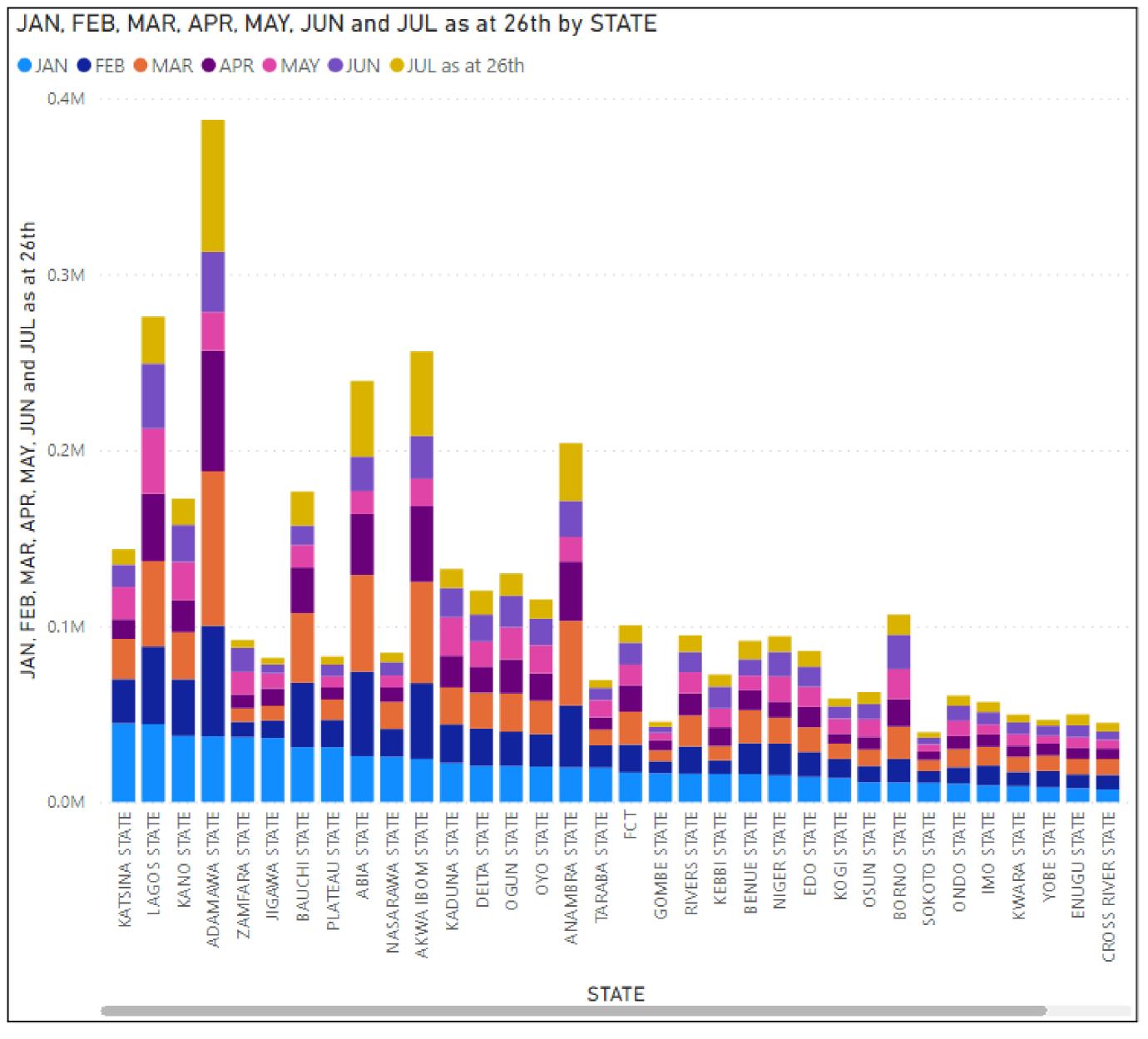
55M

Total BVN from inception till 26th of July 2022



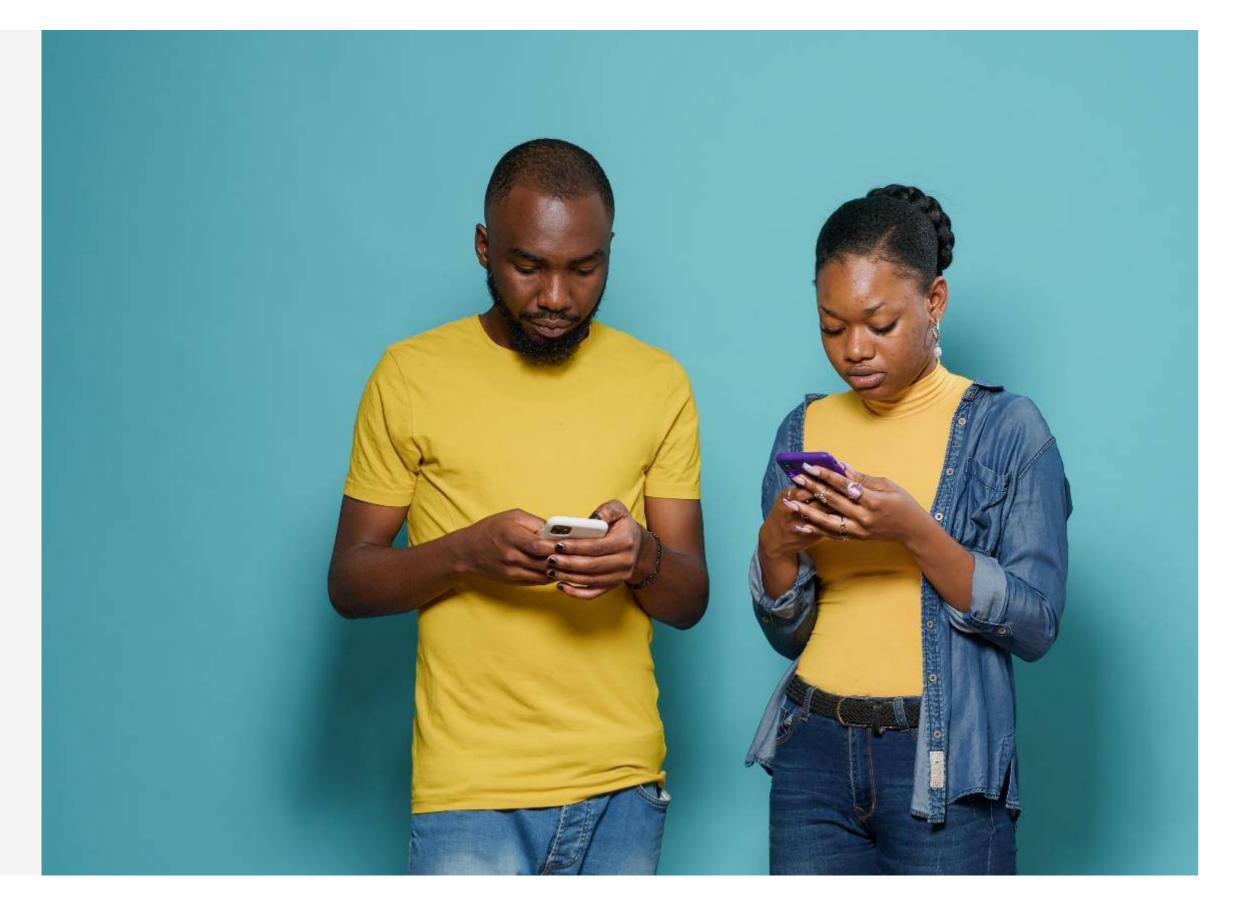
| ABIA STATE 1488482 ADAMAWA STATE 1100330 AKWA IBOM STATE 1281772 ANAMBRA STATE 2021157 BAUCHI STATE 998664 BAYELSA STATE 464786 BENUE STATE 1166484 BORNO STATE 966258 CROSS RIVER STATE 334896 DELTA STATE 498551 EDO STATE 1834839 EKITI STATE 576772 ENUGU STATE 1302667 FCT 2254774 GOMBE STATE 1327683 JIGAWA STATE 2096073 KATSINA STATE 2313930 KATSINA STATE 2313930 KATSINA STATE 1296277 KEBBI STATE 1096277 KEBBI STATE 1073802 LAGOS STATE 1073802 LAGOS STATE 1073802 LAGOS STATE 1272879 OGUN STATE 1272879 O | STATE | COUNT INCEPTION - 26 JULY 2022 |
|--|-------------------|--------------------------------|
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| KATSINA STATE 1296277 KEBBI STATE 645949 KOGI STATE 969744 KWARA STATE 1073802 LAGOS STATE 8768854 NASARAWA STATE 967957 NIGER STATE 1272879 OGUN STATE 2549626 ONDO STATE 1251692 OSUN STATE 1261190 OYO STATE 2526682 PLATEAU STATE 1185888 RIVERS STATE 2411529 SOKOTO STATE 714581 TARABA STATE 703453 YOBE STATE 638704 | KADUNA STATE | 2096073 |
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| NASARAWA STATE 967957 NIGER STATE 1272879 OGUN STATE 2549626 ONDO STATE 1251692 OSUN STATE 1261190 OYO STATE 2526682 PLATEAU STATE 1185888 RIVERS STATE 2411529 SOKOTO STATE 714581 TARABA STATE 703453 YOBE STATE 638704 | KWARA STATE | 1073802 |
| NIGER STATE 1272879 OGUN STATE 2549626 ONDO STATE 1251692 OSUN STATE 1261190 OYO STATE 2526682 PLATEAU STATE 1185888 RIVERS STATE 2411529 SOKOTO STATE 714581 TARABA STATE 703453 YOBE STATE 638704 | LAGOS STATE | 8768854 |
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| OSUN STATE 1261190 OYO STATE 2526682 PLATEAU STATE 1185888 RIVERS STATE 2411529 SOKOTO STATE 714581 TARABA STATE 703453 YOBE STATE 638704 | OGUN STATE | 2549626 |
| OYO STATE 2526682 PLATEAU STATE 1185888 RIVERS STATE 2411529 SOKOTO STATE 714581 TARABA STATE 703453 YOBE STATE 638704 | ONDO STATE | 1251692 |
| PLATEAU STATE 1185888 RIVERS STATE 2411529 SOKOTO STATE 714581 TARABA STATE 703453 YOBE STATE 638704 | OSUN STATE | 1261190 |
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| SOKOTO STATE 714581 TARABA STATE 703453 YOBE STATE 638704 | PLATEAU STATE | 1185888 |
| TARABA STATE 703453 YOBE STATE 638704 | RIVERS STATE | 2411529 |
| YOBE STATE 638704 | SOKOTO STATE | 714581 |
| | TARABA STATE | 703453 |
| ZAMFARA STATE 721387 | YOBE STATE | 638704 |
| | ZAMFARA STATE | 721387 |

BVN Enrollment by State From January to July 2022



| STATE | JAN | FEB | MAR | APR | MAY | JUN | 26th JUL | ^ |
|-------------------|-------|-------|-------|-------|-------|-------|----------|---|
| ABIA STATE | 26264 | 47937 | 54910 | 34722 | 12988 | 19597 | 42976 | |
| ADAMAWA STATE | 37419 | 62763 | 87820 | 68640 | 22030 | 34046 | 75088 | |
| AKWA IBOM STATE | 24561 | 43117 | 57518 | 42957 | 15622 | 24315 | 48097 | |
| ANAMBRA STATE | 19745 | 35239 | 48104 | 33698 | 13995 | 20403 | 32863 | |
| BAUCHI STATE | 31319 | 36534 | 39747 | 25775 | 12872 | 10927 | 19334 | |
| BAYELSA STATE | 5942 | 11708 | 16377 | 11619 | 4433 | 5494 | 10706 | |
| BENUE STATE | 15821 | 17698 | 18815 | 11193 | 8371 | 9356 | 10347 | |
| BORNO STATE | 11160 | 13432 | 18323 | 15644 | 17057 | 19514 | 11406 | |
| CROSS RIVER STATE | 7216 | 8255 | 9055 | 5916 | 4958 | 4783 | 4890 | |
| DELTA STATE | 20627 | 21290 | 20314 | 14758 | 14298 | 15291 | 13667 | |
| EBONYI STATE | 4877 | 5034 | 4940 | 3739 | 3426 | 3761 | 2967 | |
| EDO STATE | 14384 | 14178 | 13965 | 11567 | 11412 | 11544 | 8847 | |
| EKITI STATE | 3812 | 3416 | 3784 | 3321 | 3944 | 3371 | 2792 | |
| ENUGU STATE | 7812 | 7873 | 8874 | 6432 | 5918 | 6752 | 6259 | |
| FCT | 16853 | 15860 | 18629 | 15032 | 11816 | 12541 | 9812 | |
| GOMBE STATE | 16424 | 6904 | 6180 | 5844 | 4151 | 3277 | 2840 | |
| IMO STATE | 9601 | 11281 | 10684 | 6871 | 5751 | 6974 | 5687 | |
| JIGAWA STATE | 36488 | 9905 | 8393 | 9912 | 8542 | 5096 | 3643 | |
| KADUNA STATE | 22224 | 22007 | 21003 | 17943 | 21989 | 16569 | 10710 | |
| KANO STATE | 37656 | 32315 | 26555 | 18100 | 21927 | 20988 | 14930 | |
| KATSINA STATE | 44827 | 25216 | 22798 | 11033 | 18318 | 12729 | 8854 | |
| KEBBI STATE | 15904 | 7990 | 8026 | 10641 | 10652 | 12467 | 6864 | |
| KOGI STATE | 13724 | 10859 | 8622 | 5634 | 8613 | 7016 | 4469 | |
| KWARA STATE | 9138 | 8103 | 8531 | 6349 | 6483 | 6756 | 4433 | |
| LAGOS STATE | 44412 | 43988 | 48597 | 38260 | 37173 | 36766 | 26795 | |
| NASARAWA STATE | 25858 | 15802 | 15272 | 8259 | 6826 | 7578 | 5379 | |
| NIGER STATE | 15172 | 18098 | 14726 | 9050 | 14416 | 14029 | 8684 | |
| OGUN STATE | 20615 | 19445 | 21804 | 19241 | 18191 | 17961 | 12613 | |
| ONDO STATE | 10465 | 9406 | 10244 | 7448 | 8679 | 8564 | 5726 | |
| OSUN STATE | 11289 | 9325 | 9297 | 7298 | 9957 | 8552 | 6855 | |
| OYO STATE | 20108 | 18503 | 19031 | 15576 | 15947 | 15104 | 10979 | |
| PLATEAU STATE | 31249 | 15490 | 11565 | 6870 | 6366 | 6607 | 4663 | |
| RIVERS STATE | 15999 | 15798 | 17552 | 12572 | 11858 | 11696 | 9251 | |
| SOKOTO STATE | 10951 | 6679 | 6394 | 4899 | 3903 | 3854 | 3079 | |
| TARABA STATE | 19597 | 12734 | 8869 | 6955 | 9873 | 6952 | 4472 | |
| YOBE STATE | 8370 | 9429 | 8743 | 6619 | 4532 | 5724 | 3321 | V |
| ZAMFARA STATE | 36988 | 8673 | 7616 | 7970 | 12747 | 13803 | 4284 | |

Digital Revolution: Meaning and Trends

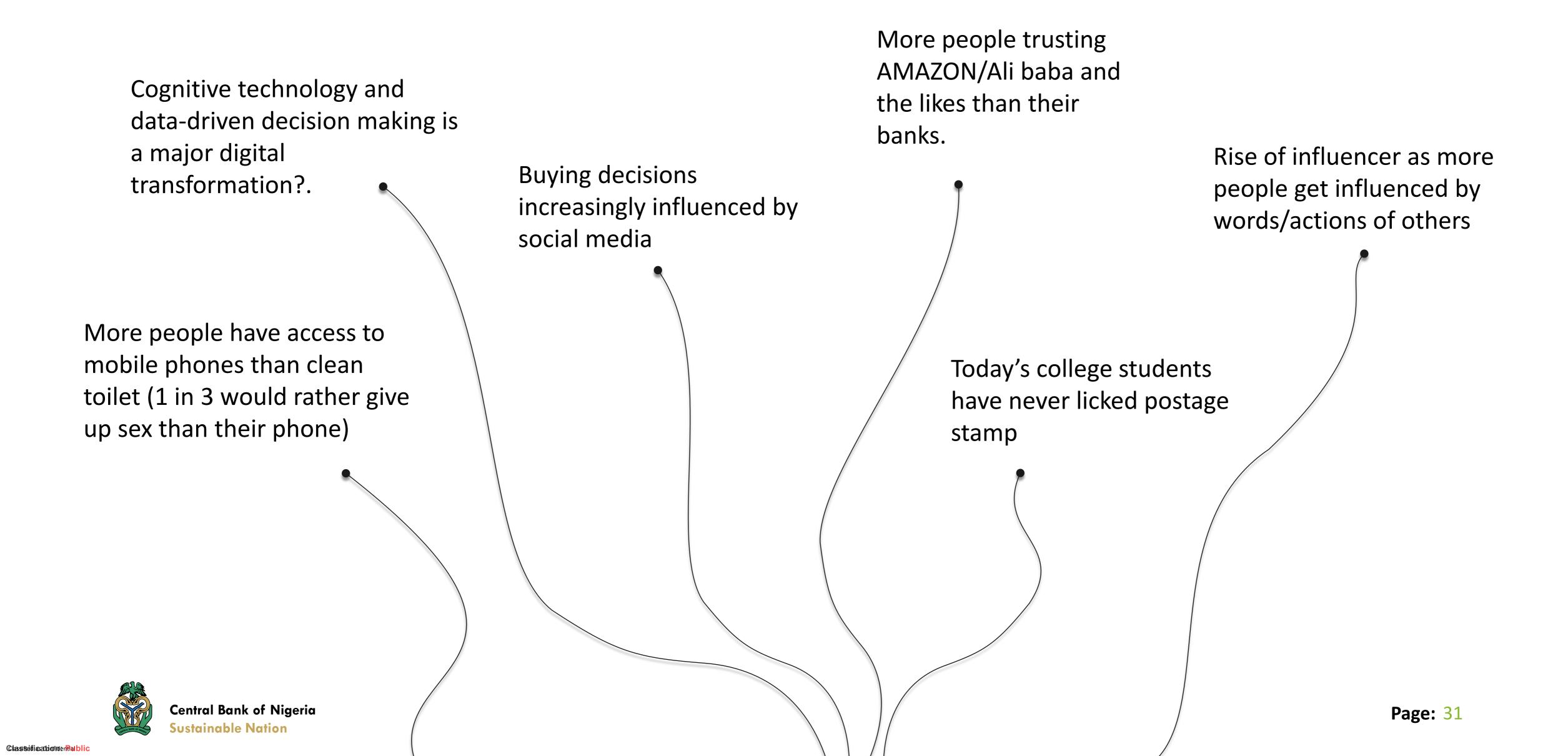


DR describes technology that rely on expansive use of information and digital resources.

New ways of doing things based on extensive diffusion of data/information, telecommunications and computer technology.



Digital Revolution: Meaning and Trends





Digital Revolution and Banking Business contd...

Increased access and ease of doing business

- Capture of informal sector into mainstream
- Increased investment possibilities

...Digital
Transformation
continue to blaze new
trail and expand
opportunities

Increased efficiency in business and government

- Optimised process and client interaction
- Higher productivity
- Enhanced transparency & low corruption

Innovation

- Wider scope and platform for creative innovation
- Ease of innovation

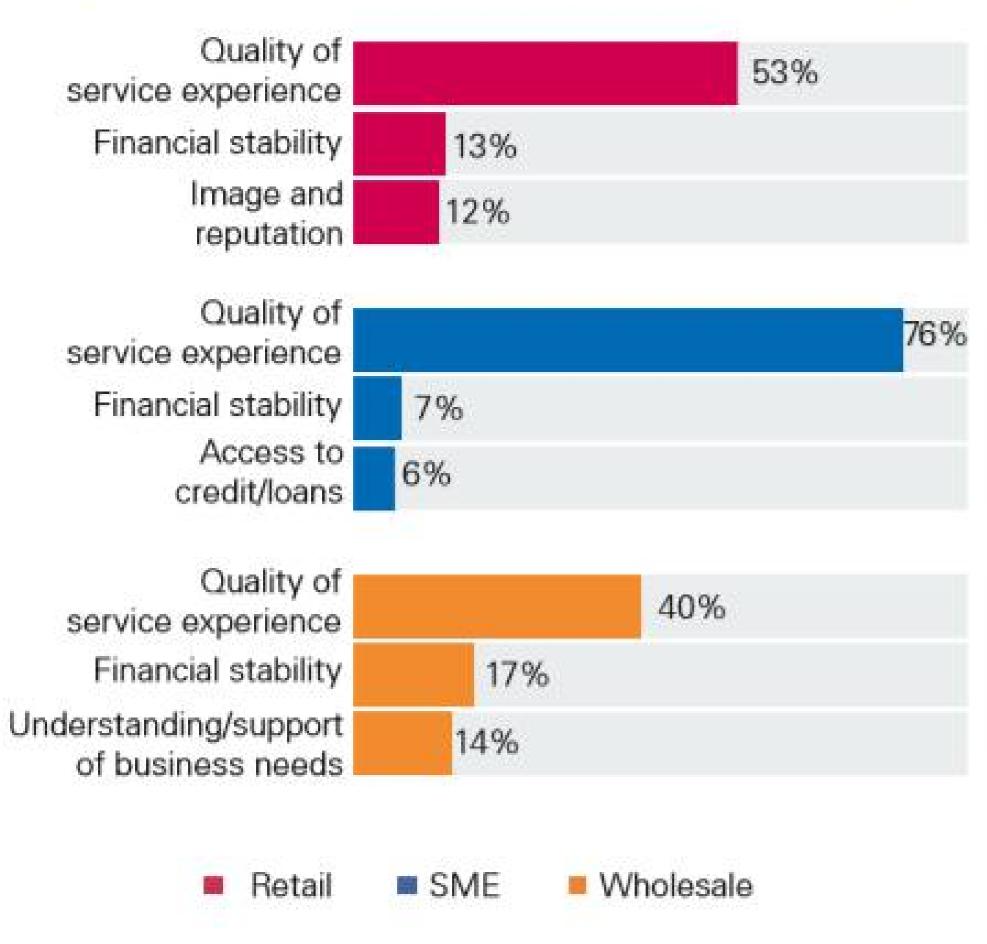
Shared Services

- Ease of collaboration
- Shared process that support overall well being
- Public/Private Cloud, Plug & Play Blockchain etc.



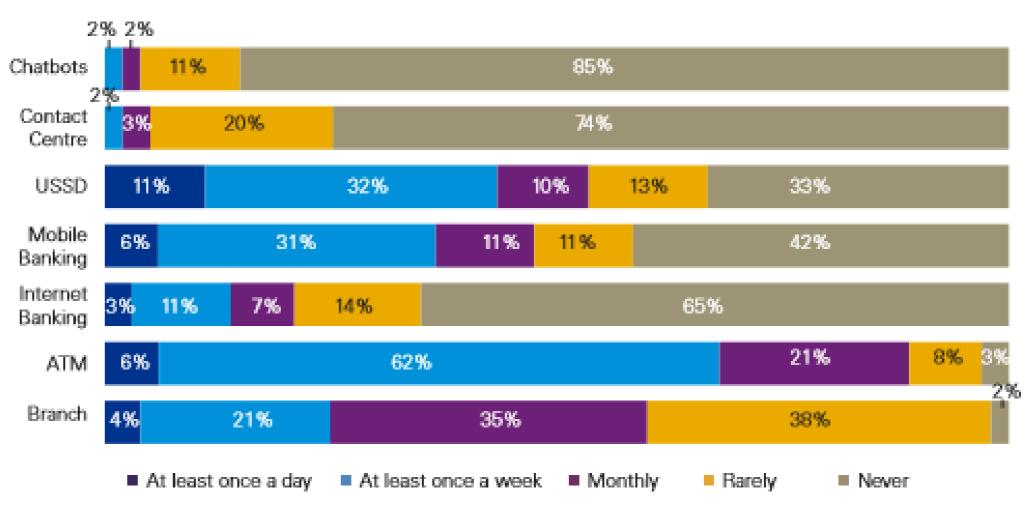
2019 - Pre Covid 19 Consumer Reality

Top three reasons for maintaining banking relationships



Source: 2019 KPMG Nigeria Banking Industry Customer Experience Survey

Overall Channel Usage



Source: 2019 KPMG Nigeria Banking Industry Customer Experience Survey



¹ ncc.gov.ng, data accessed 29 November 2019

2022 - Post Covid 19 Consumer Reality

- 4 Outcomes of KPMG extensive research on Banking Consumer Reality. Consumer Needs, Preferences and Behaviours were considered.
 - Economic Impact
 - Erosion of Trust
 - Rise of Digital
 - Home is the New Hub





Digital Revolution and Banking Business

...future of banking will be defined by the battle for data on customer insight



- Accelerator of economic activities
- Changes to the way we:
 - Talk & Interact
 - Communicate
 - Trade
 - Do business
 - Live

- Process optimization
- Big data management
- Realtime reporting showing:
 - Process performance
 - Cost estimates / drivers
 - Risk management

- Front Office Smart devices
- Middle Office APIs or Plug and play solutions
- Back Office Cloud and data analytics



FinTech Growth in Nigeria

Country Spotlight: Nigeria

Nigeria has more than 206 million inhabitants, equivalent to 2.6% of the world population¹. The country's economic crisis that the population has been facing for some time explains why 38 million inhabitants lack banking services.

High poverty rates, mistrust of financial service providers, and the cost of maintaining an account are some of the exclusion drivers







million unbanked

High poverty rates, mistrust of financial service providers, and the cost of maintaining an account.

Mobile Penetration



Median age 18 years



Internet penetration
51% of the total population²
= 109.2 million internet users



90% of the Adult population has mobile phones → the average daily time spent on mobile Internet: **4 hours 55 minutes**³.

Following successful trials in the cities of Lagos, Abuja and Calabar, a 5G network is expected to be rolled out across the country, facilitating nationwide digitisation⁴.

Fintech Ecosystem

3.4% of Nigerians were among the world's **1.7 billion** financially excluded adults⁵.

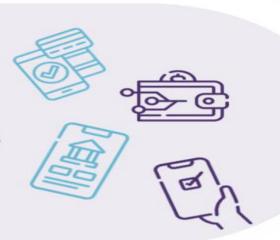
rd

African country with the most progress in Fintech activity



currently more than

fintech companies



Fintech Investments

From 2011 to 2018 in Fintech investments In 2021 million dollars

(due to boom in the digital market: expansion of payment services and e-commerce)⁶⁷.

Major players in the industry⁸









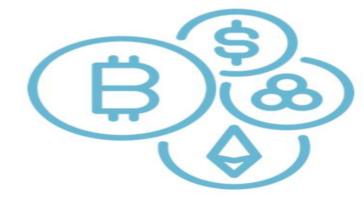












3.2% of Nigerians own cryptocurrencies → a new way of preserving money in an unstable economy.

Crypto lending platforms → immediate loans, no need to demonstrate credit history.

Oct 2021: The State created a Digital Currency to reduce financial exclusion: eNaira →

Nigeria became the first country in Africa - and one of the first in the world - to launch a digital currency for citizens.

Nigeria is a country full of opportunities to improve social inclusion





Millennials 🕂 🔠 Internet penetration 🖚 🚳 Economic opportunity





Going Forward

Leverage existing data and embrace data driven strategy.

Collaboration:

Address trust deficit to promote

- Shared services
- Adoption and incubation of FinTechs

01

Consumer Protection:

- Value creation
- Dispute resolution
- Fraud Prevention

02

Leadership:

Leadership team in the organization with professional technology experience to overcome resistance to facilitate adoption of new technology

03

Citation:

https://unstats.un.org/sdgs/report

https://nibss-plc.com.ng

https://www.macrotrends.net/countries/NGA/nigeria

https://www.credolab.com/industries

https://www.ncc.gov.ng/docman-main/research-development

https://home.kpmg/xx/en/home/insights/2020/09/consumers-new-reality-banking.html



Thank you