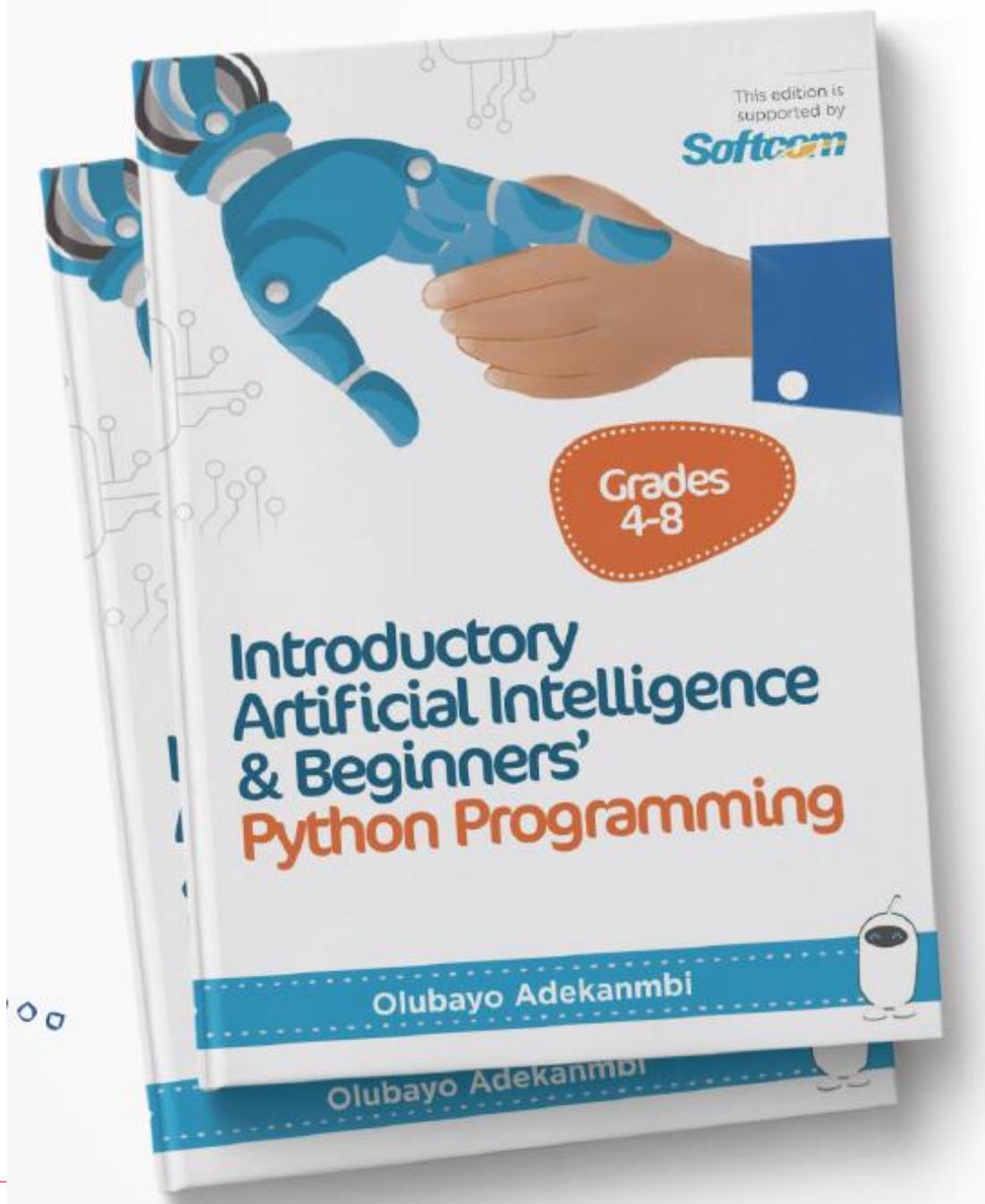


Data Science Nigeria

*Raising 1 million AI talents
in 10 years*





Train the Trainers programme

Direct order and delivery

AI-on-Demand

VISION

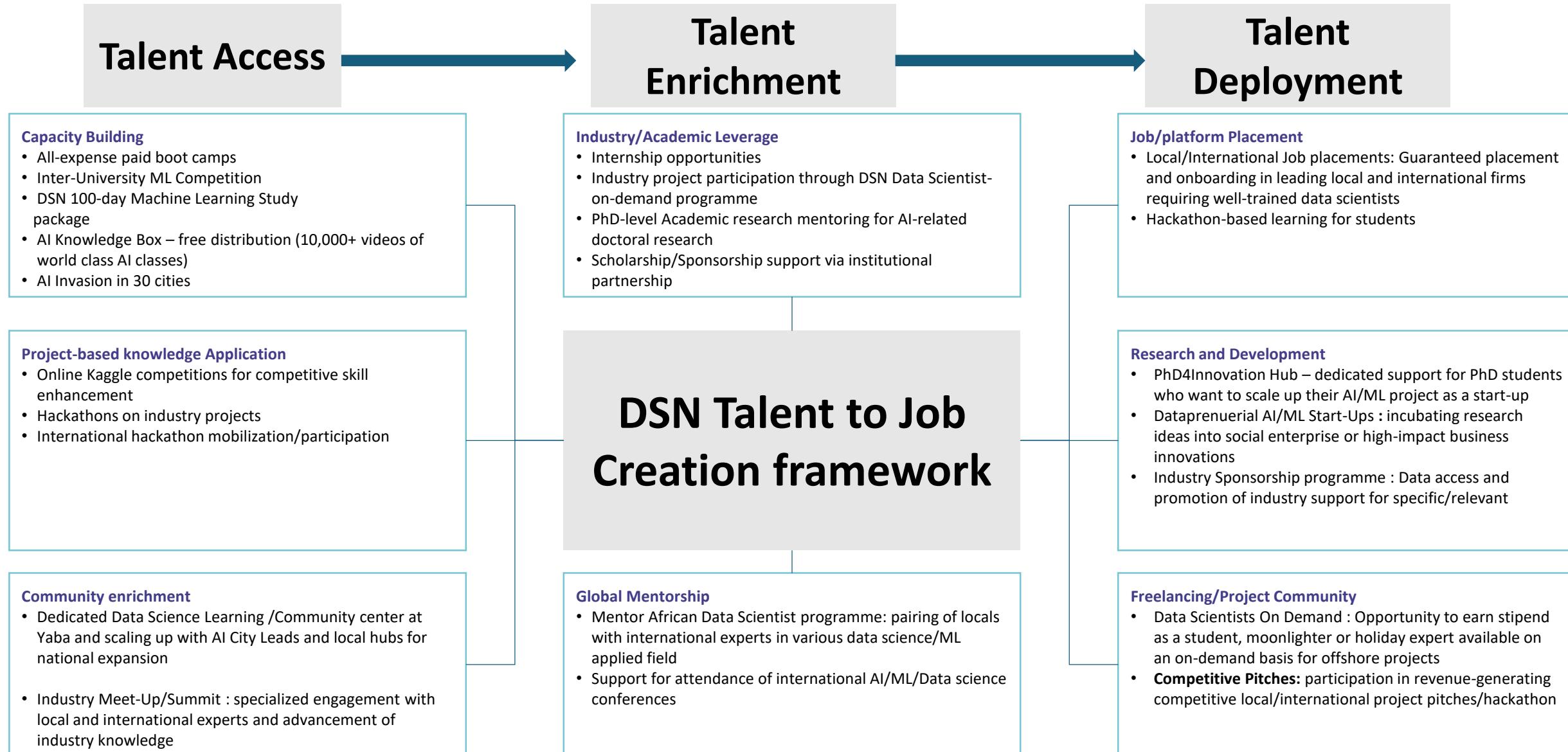
To build a world-class Artificial Intelligence knowledge, research and innovation ecosystem that delivers high impact & transformational research, business use applications, AI-first start-ups, employability and social good use cases; such that in 10 years, Nigeria will become one of the top 10 AI talent/knowledge destinations with 20% GDP multiplier impact.

#1million_AITalents_in_10_years

Key numbers in 2 years

- › **600,000+** direct download of *Artificial Intelligence for Starter free* ebook to stimulate interest in Ai through use cases and inspirational contribution from leading AI experts including **Prof Yoshua Bengio, Professor Emeritus Thomas G. Dietterich and Prof. dr. M. (Max) Welling**
- › **10,212** participated in the 1st ever Intercampus Machine Learning competition
- › **12,234** online participants in Data Science courses – from registration to at least one class
- › Over **2,000 hours** of free classes in Data Science and Machine learning applications in different states of Nigeria
- › **>2,000** USBs (2Terrabyte) containing over 10,000 publicly available AI learning videos from top AI schools distributed FREE in 72 cities/campuses
- › **310** direct job placement, project participation and internship
- › **48** research students being supported and mentored in high-impact higher degrees (MSc/PhD)
- › **30** cities – Free Introductory Machine Learning classes organised in 30 cities and reaching >5,000 students
- › **4** innovative product idea

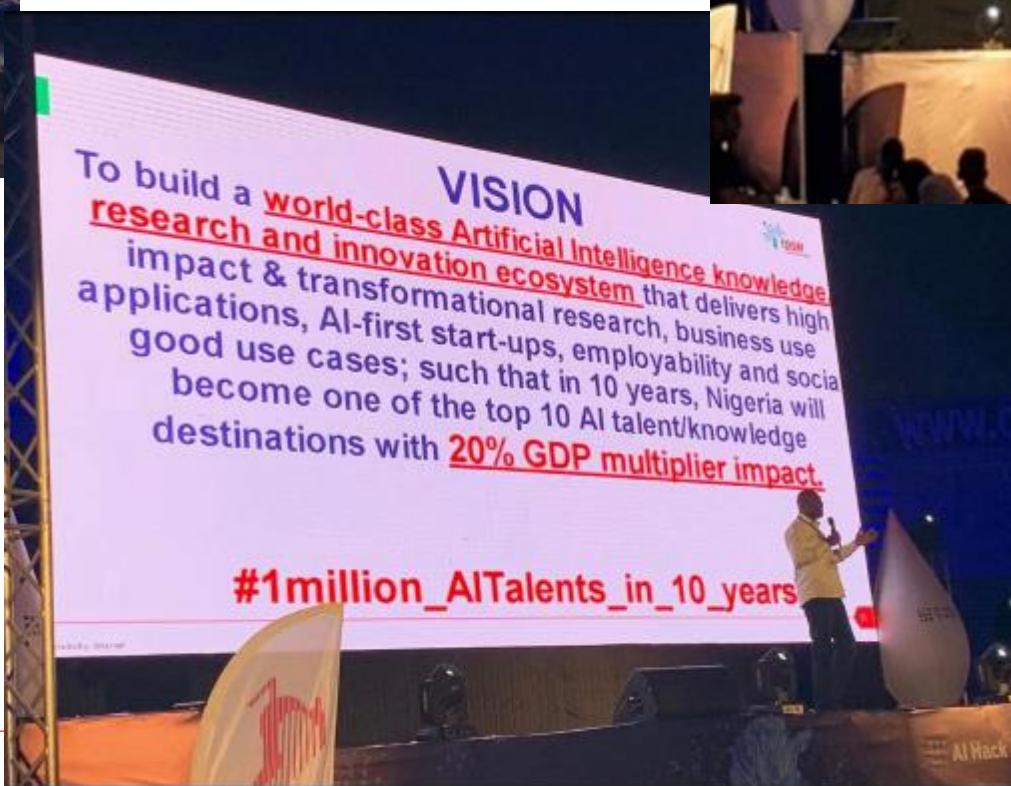
Data Science Nigeria Ecosystem : from world-class training to job creation



12 weeks ago, we won 2 highest Artificial Intelligence awards on the continent space at the Deep Learning Indaba, Kenya : Maathai Impact Award and 2nd Best Research Poster



Recognition at world's largest Artificial Intelligence Hackathon, Tunisia 2019



We are humbled to run the biggest AI learning programme in Africa with **26 unique platforms** face to face, online, offline and hands-on and with impact on **hundreds of thousands**



Segments	Face to Face	Online	Offline Content	Hands-on
Beginners	<ul style="list-style-type: none">AI Wednesdays (Intro Python/ML)AI Invasion		<ul style="list-style-type: none">AI for Starters ebook	<ul style="list-style-type: none">Industry Use Case Discussion sessions
Kids/Teens	<ul style="list-style-type: none">Pre-University Intro Python/MLAI Summer School for Kids	<ul style="list-style-type: none">Weekly AI Slack Discussion Channels	<ul style="list-style-type: none">Python and Machine Learning for Grades 5-9	
Intermediates to Experts	<ul style="list-style-type: none">Deep Learning NigeriaAI Bootcamp	<ul style="list-style-type: none">100 Days of Machine/Deep Learning via YouTubeAI MentorshipAI Dial-in Masterclass	<ul style="list-style-type: none">AI Knowledge Box	<ul style="list-style-type: none">DataHackData Scientists On DemandOn-project Internship
University Students	<ul style="list-style-type: none">AI+ ClubsIntercampus Machine Learning CompetitionAI+ Researchers Forum			<ul style="list-style-type: none">AI MiniLabs and Tools
Professionals/C-level Executives/ Government agencies	<ul style="list-style-type: none">Business Analytics for ProfessionalsAI for ExecutivesAI Summit		<ul style="list-style-type: none">AI+ Professional meet-up	



Face to Face Learning

The Hub runs daily **FREE** classes for all categories of learners



Daily Learning at our new AI Hub in Yaba

AI EVERY DAY

4th Floor, 174b Murtala Mohammed Way, Yaba

For more information

- @ Datasciencenigeria
- @ Datasciencenig
- https://goo.gl/Vcjjyp
- www.datasciencenigeria.org
- info@datasciencenigeria.org

MONDAY
PRE-UNIVERSITY INTRO PYTHON/ML CLASS
10 WEEKS | JULY 17 | 10-1PM

TUESDAY
DEEP LEARNING/FAST.AI MASTERCLASS
14 WEEKS | JUNE 18 | 3-5PM

WEDNESDAY
INTRODUCTORY PYTHON
8 WEEKS | JUNE 5 | 12-2PM

WEDNESDAY
BEGINNERS CLASS IN MACHINE LEARNING
8 WEEKS | JUNE 5 | 3-5PM

THURSDAY
PRE-UNIVERSITY INTRO PYTHON/ML CLASS
10 WEEKS | JULY 17 | 10-1PM

FRIDAY
AI4GOOD LAB FOCUSED ON SDGS
JULY 5 | 12-2PM

SATURDAY
BUSINESS ANALYTICS FOR PROFESSIONALS
5 WEEKS | JULY 6 | 9AM-12

AI.Everyday

Daily Learning at our new AI Hub in Yaba

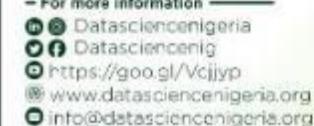
- Monday – Pre-University Intro Python/ML Class (10-1pm) **10 weeks** **From June 3**
- Tuesday – Deep Learning/Fast.ai Masterclass (3-5pm) **14 weeks** **From June 11**
- Wednesday- Introductory Python (12-2pm) **8 weeks** **From June 11**
- Wednesday- Beginners Class In Machine Learning (3-5pm) **8 weeks** **From June 19**
- Thursday - Pre-University Intro Python/ML Class (10-1pm) **10 weeks** **From June 3**
- Friday - AI4Good Lab focused on SDGs (12-2pm) E.g AgroAI research **From July 5**
- Saturday- Business Analytics for Professionals (9am-12) for **5 weeks** **From July 6**



Daily Learning at our
new AI Hub in Yaba

AI EVERY DAY

4th Floor, 174b Murtala
Mohammed Way, Yaba

— For more information —

[@Datasciencenigeria](https://www.instagram.com/datasciencenigeria/)
[Datasciencenig](https://www.facebook.com/Datasciencenig)
<https:// goo.gl/Vcjjyp>
www.datasciencenigeria.org
info@datasciencenigeria.org

MONDAY
**PRE-UNIVERSITY
INTRO PYTHON/ML CLASS**
10 WEEKS | 10-1PM

TUESDAY
**DEEP LEARNING/FAST.AI
MASTERCLASS**
14 WEEKS | 3-5PM

WEDNESDAY
INTRODUCTORY PYTHON
8 WEEKS | 12-2PM

WEDNESDAY
**BEGINNERS CLASS IN
MACHINE LEARNING**
8 WEEKS | 3-5PM

THURSDAY
**PRE-UNIVERSITY INTRO
PYTHON/ML CLASS**
10 WEEKS | 10-1PM

FRIDAY
**AI4GOOD LAB
FOCUSED ON SDGS**
12-2PM

SATURDAY-
BUSINESS ANALYTICS FOR PROFESSIONALS
5 WEEKS | 9AM-12PM

An example of a class- Free Introductory to Machine Learning on Wednesdays









We also run the biggest pan Nigeria AI learning platform with 5-day introductory machine learning class in 30 cities



As part of our plan to democratize the learning of Artificial Intelligence and Data Science, Data Science Nigeria kicks off a one-week (30 hours) of introductory Machine Learning in 30 Cities.



AI+ INVASION 2019

30 HOURS OF INTRO MACHINE LEARNING IN 30 CITIES

Coming to a city nearest to you....

- Each city session will run for a maximum of one week and will focus on Python programming and introduction to Machine Learning
 - AI+ Knowledge Box will be distributed at these meet-ups
 - AI+ Club will also be formally set up



— For more information —

-  DataScienceNigeria  DataSciencenig
<https://goo.gl/McJyp>  www.datasciencenigeria.org
 info@datasciencenigeria.org

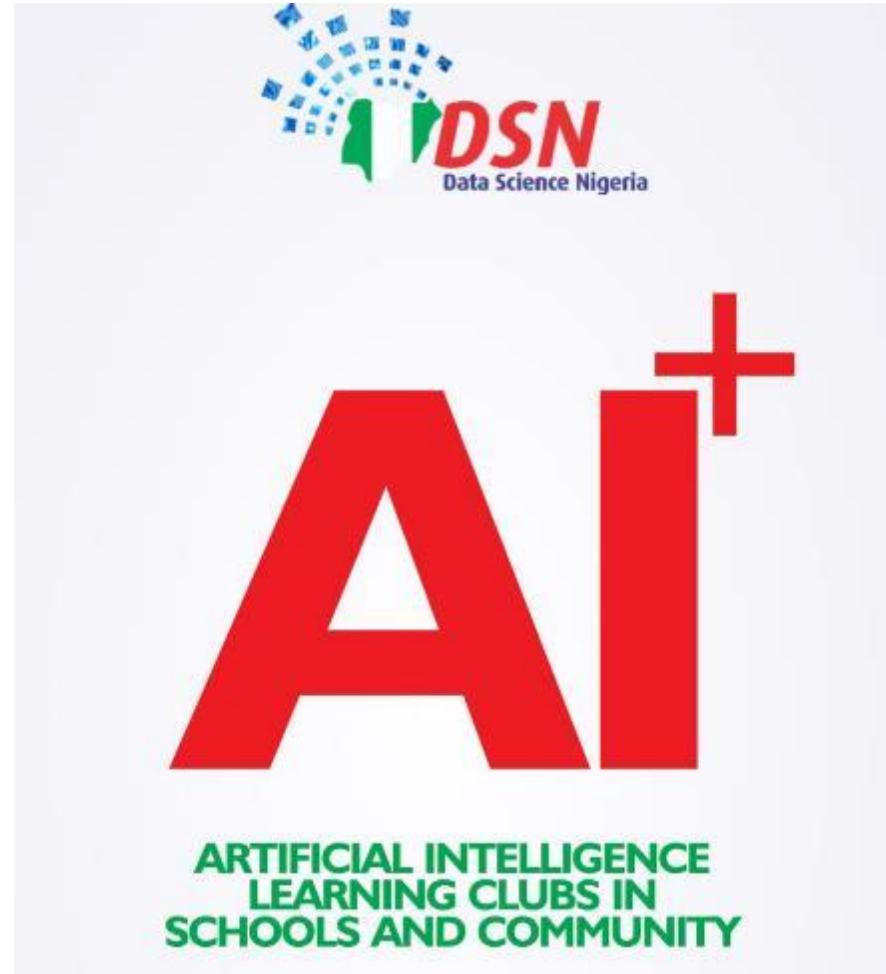
For more information on this and other events, please click www.datasciencenigeria.org/2019plans





AI + Clubs on campuses

Creating a learning community to promote Artificial Intelligence through on Campuses and National Youth Service Corps



Ambrose Alli University ,
Ekpoma
Led by Rising Odegua

Business Analytics and Intro Data Science for Professionals



Successful Kick-off of Business Analytics for Managers: business-focused, hands-on & project-based immersion for 5 Saturdays 9am-12noon



The collage includes:

- A top-left photo showing two people, one holding a certificate.
- A top-middle photo showing a classroom full of students at desks.
- A top-right photo of a group of people posing together with their hands raised.
- A middle-left photo showing a close-up of hands working on a laptop with a 'Business ANALYTICS' poster in the background.
- A middle-middle photo showing two people holding certificates.
- A middle-right photo showing a group of people standing and talking in a room.
- A bottom-middle photo showing people working at desks in a classroom setting.
- A bottom-right photo showing a group of people standing together in front of a wall with various software and technology-related terms.
- A large bottom-left image showing a promotional poster for the 'Business ANALYTICS' course. The poster features:
 - Text: '5 SATURDAYS | 9AM - 12 CLASS STARTS SEPT. 28'
 - Title: 'Business ANALYTICS'
 - Subtext: 'DECISION MAKING USING DATA'
 - Text: 'Enrol in the Business Analytics Class & Raise your game in the world's No 1 Career Path'
 - Section: 'SESSIONS INCLUDE'
 - Descriptive Analytics: Analysing Data
 - Predictive Analytics: Studying Trends & Patterns
 - Prescriptive Analytics: Using Data to make decision
 - Logo: DSN Data Science Nigeria
 - Text: 'AMOUNT: N150,000'
 - Text: 'DISCOUNTED PAYMENT: N100,000'
 - Text: 'DISCOUNT DEADLINE: AUG 17'
 - Text: 'For Details, Please Call SEUN 0813 972 1779'

Paid Business Analytics Feedback



[https://www.linkedin.com/feed/update/urn:li:activity:6583350086888103936/?commentUrn=urn%3Ali%3Acomment%3A\(activity%3A6583294349893738496%2C658335001395617792\)](https://www.linkedin.com/feed/update/urn:li:activity:6583350086888103936/?commentUrn=urn%3Ali%3Acomment%3A(activity%3A6583294349893738496%2C658335001395617792)



Moshood Adelotan • 1st

Process Improvement, Operations, Customer Experience, Data Analytics, Pr...

17h ...

I recommend this to all who want to appreciate Data Science and get going in the world of Big Data analytics. DSN's organisation and the faculty during the 1st cohort was awesome, and in my over 25yrs working career and attendance at several trainings local and offshore, this ranks amongst the top 3 trainings I've attended. I am inspired and encouraged after the training to go further in data analytics and I am already on the journey. Thanks to Bayo and the entire DNS team. And cost, I tell you it's near free considering the worth. (edited)



3 Likes



1 Reply



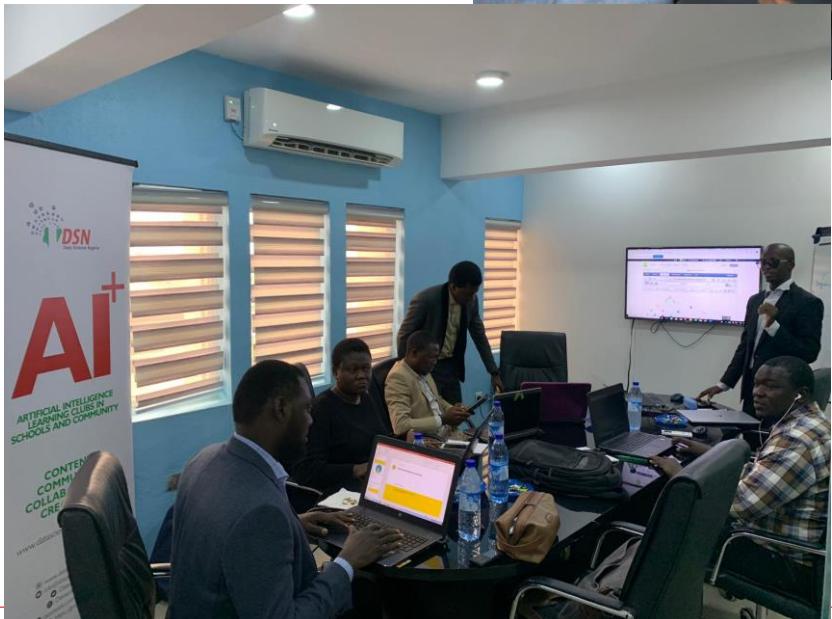
Data Science Nigeria • 1st

Non-profit at Data Scientist Network Foundation

17h ...

Thanks a lot **Moshood Adelotan** for your kind review of our programme. We appreciate this and we are very inspired to continue to do even much more.

Shell Nigeria 4-day Advanced Machine Learning class





AI Bootcamp

Artificial Intelligence Bootcamp – the biggest and most competitive inter-campus learning



100 percent FREE, Best of the best with Travel Grant









Next edition already ongoing with Kaggle competition at
<https://www.kaggle.com/c/intercampusai2019/leaderboard>



DSN
Data Science Nigeria

ARTIFICIAL INTELLIGENCE BOOTCAMP 2019

TUESDAY 19 TO SUNDAY 24 NOVEMBER, 2019

Participants are selected from a pre-qualification study and Kaggle competition. Bootcamp access is limited to the qualifiers only.
 Enthusiasts and interested individuals can follow events/schedule via our social media pages.



Jacobo Varela
OneFi, London

Uzo Mkpuru
Group Head, CRM, Customer Analytics & Insight FCMB

Eric Sodomka PhD
Facebook Research-USA

Blessing Oladele
CEO & Co-Founder, Octave Analytics

Dr. Nnana Orlike
Cloud Solution Architect, Data and AI at Microsoft

Robert John
Data Science Officer, EnterFive

Wunola Oyeusisi
Data Scientist

Dr. Sakintu Folarunso
Lecturer, Computer Science, OOU

Dr. Damilami Okwuchie
Chief Decision Scientist, RethinkY



ARTIFICIAL INTELLIGENCE BOOTCAMP 2019

TUESDAY 19 TO SUNDAY 24 NOVEMBER, 2019



Kathleen Simiyu
Regional Coordinator, AI4Development

Dr. Stephen G. Odiaibo
CEO, Retina AI USA

Nicholas Lutonde PhD
Data Scientist / Physicist

Prof. Kene Olaikotun
Professor of EE and CS at Stanford University

Wale Akinfaderin PhD
Senior Data Scientist, Duke Energy

Wale Akanbi
Co Founder & CTO - Aella Credit

Emmanuel Doro PhD
Director, Data Science, Walmart USA

Samuel Edet
Joint PhD Student, IMT, Italy and KU Leuven, Belgium

Osayi Igharo
CEO, Repole VC USA



@www.datasciencenigeria.org
 info@datasciencenigeria.org
 @Datasciencenig
 @Datasciencenigeria
 facebook.com/datasciencenig
 https://goo.gl/Vcjijp

2 Best Students receives Full scholarship to Stellenbosch University,
Cape Town MSc. programme in Artificial Intelligence



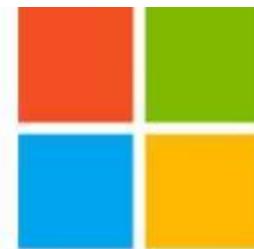
...and many more awards



...a thinking company

Knowledge Award: Daily Book Prizes

MainOne
Best Female Data Scientist



Microsoft

**Application Award: Scholarship for Use of
Data to solve social problems**



carbon

**Award for Industry Use case and AI Community
development**



Bluechip Technologies
... creating insight

**Best Students in Inter-campus
Machine Learning competition**



Mr. and Ms. Algorithm Award



AXA MANSARD
**Internship Award for Best in Insurance Machine
Learning Hackathon**



Best in AI for Good Poster Award



**School with Highest number of participants
in Kaggle**

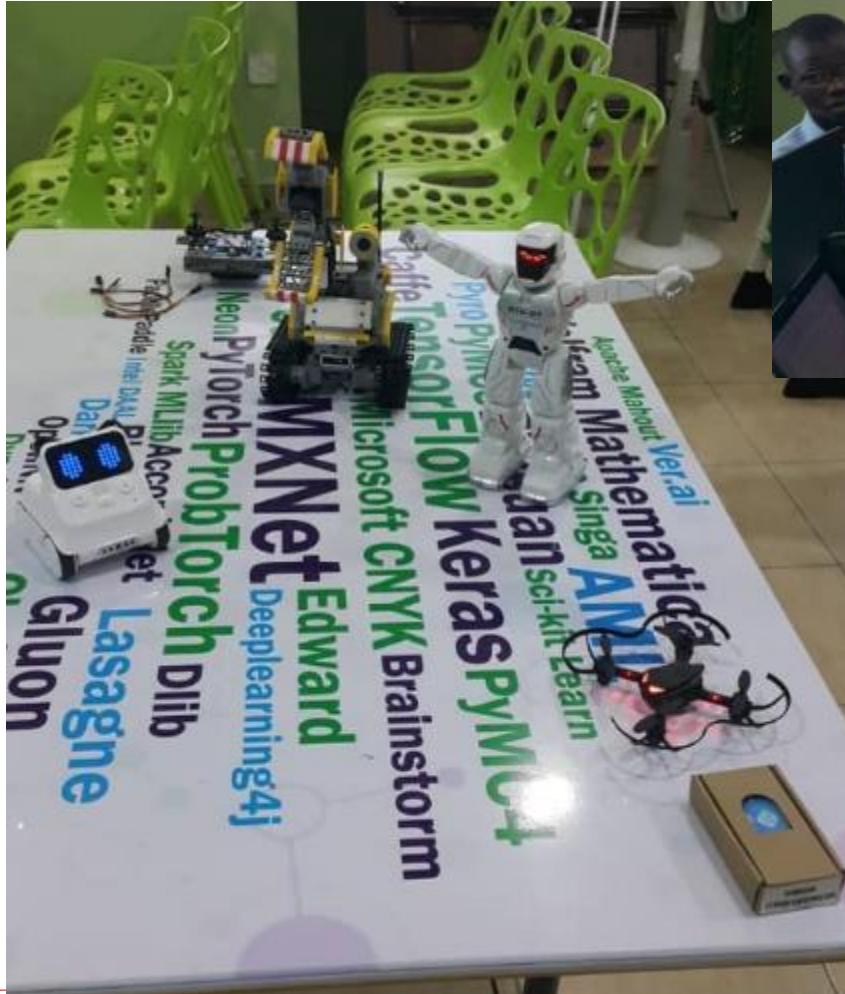
Driving capacity building in AI through AI clubs in elementary and high schools via learning clubs and summer school programme



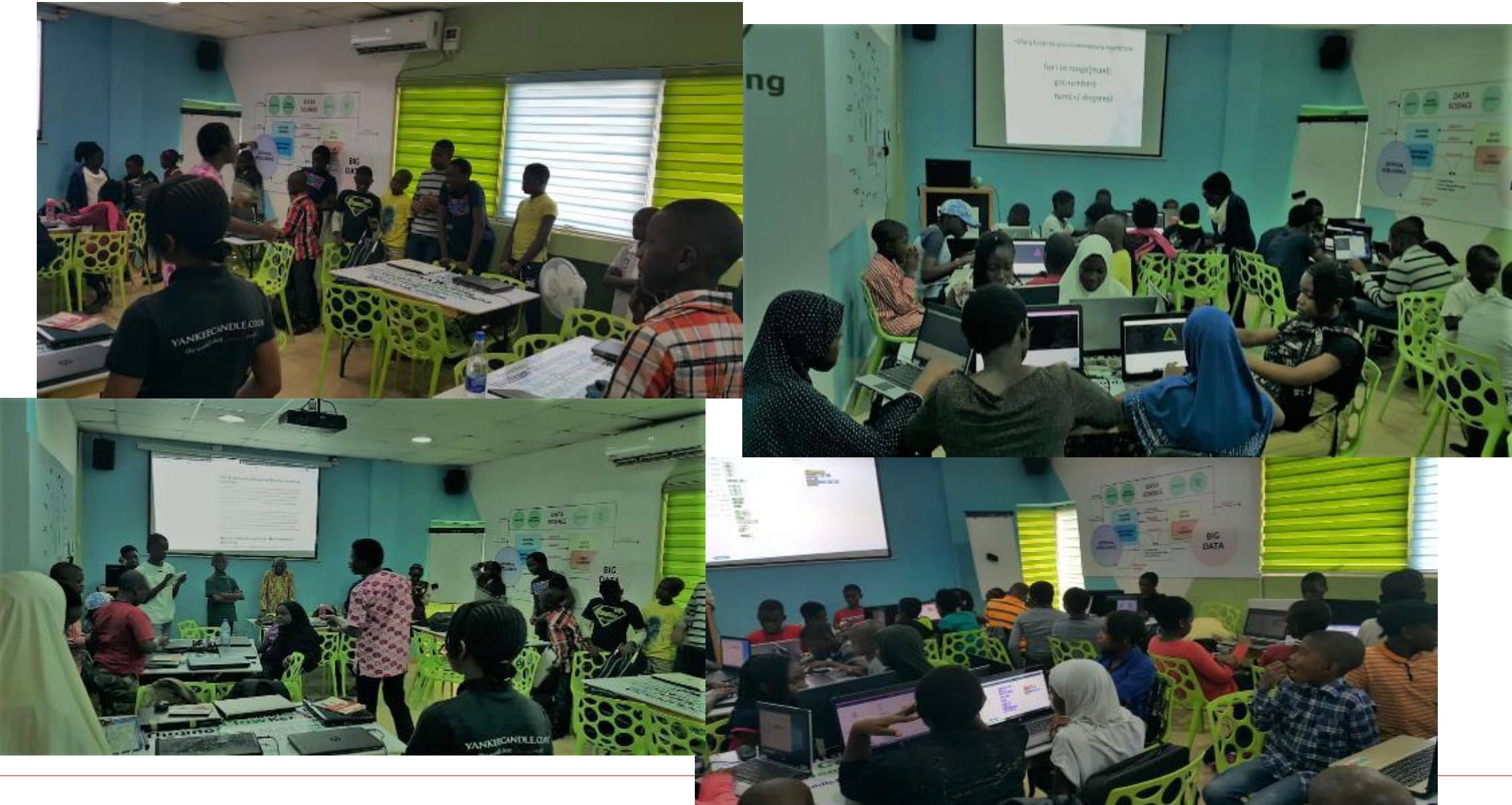
Unveiled AI+ Club at the International School, with a mandate to add the much needed competitive PLUS to Nigerian elementary and high school, students with our: -Pre-University AI class for post-SSCE students, AI Summer School for Grade 5-9, Free Intro AI ebook



AI Summer 2018 – University of Lagos, Akoka (Batch 1)



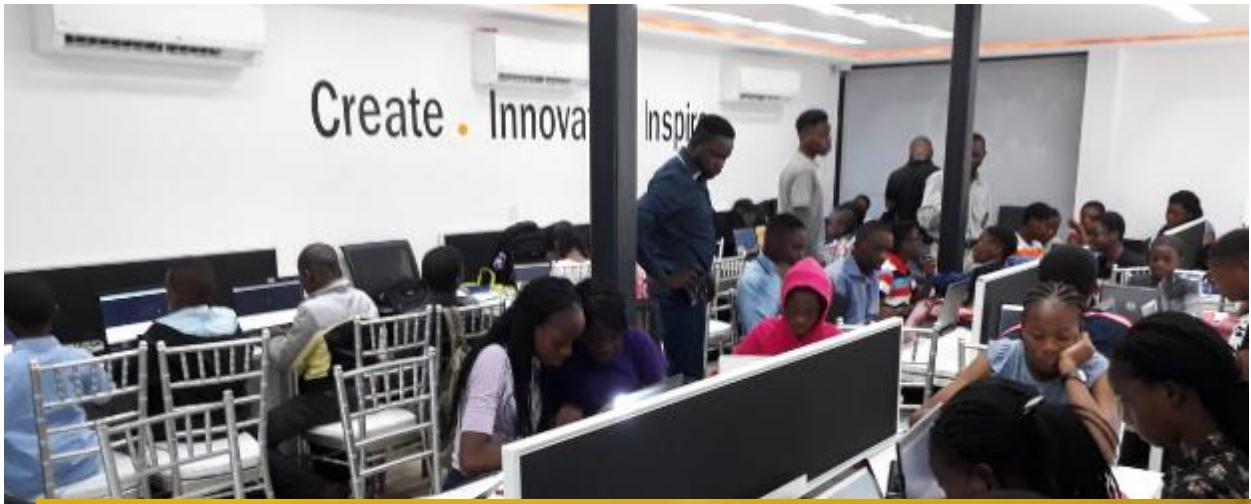
AI Summer 2018 – University of Lagos, Akoka (Batch 2)



AI Summer 2018 organised for Access Bank Nigeria at the AfricanFintech Foundry Hub, Victoria Island, Lagos



AI Summer 2018 organised for Access Bank Nigeria at the AfricanFintech Foundry Hub, Victoria Island, Lagos







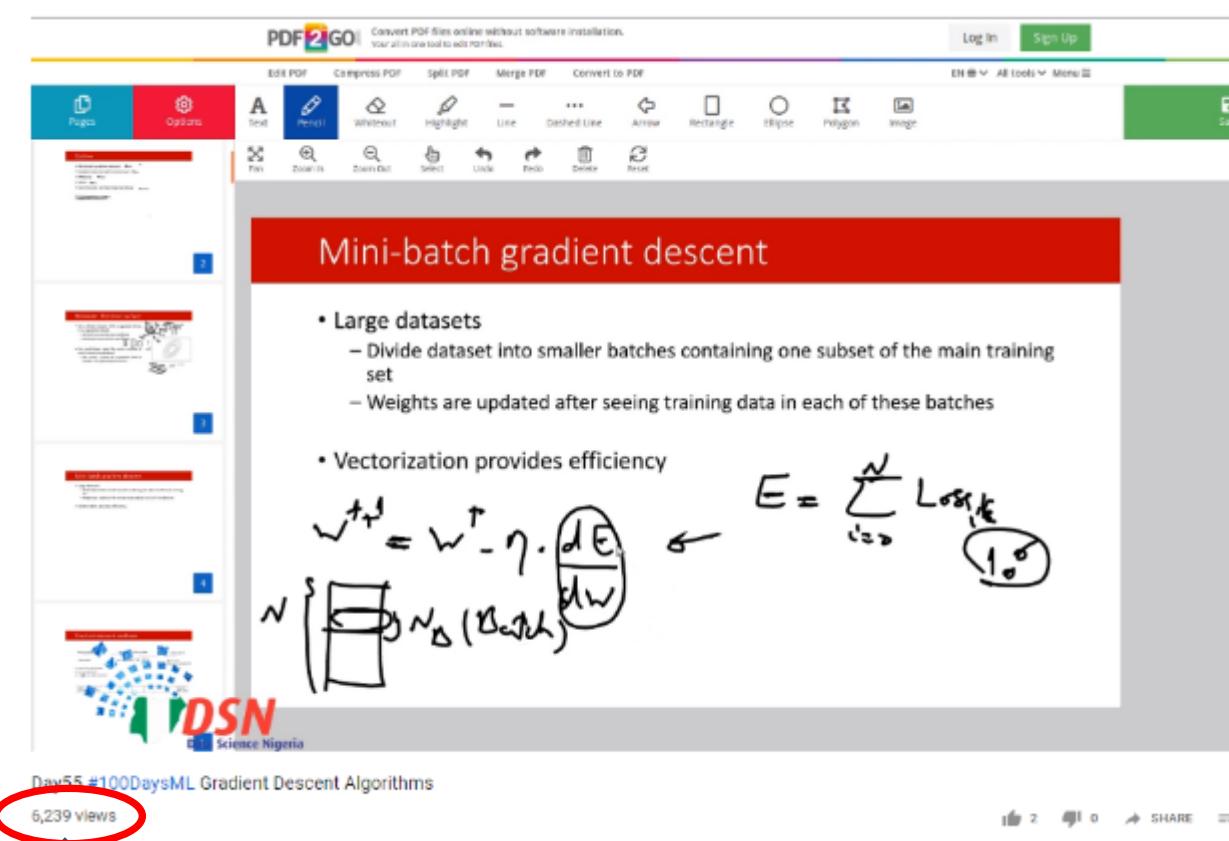






Online Classes

100 Days of ML : Over 250,000 views – Now in Day 61 with weekend Reviews



PDF2GO Convert PDF files online without software installation. Your all in one tool to edit PDF files.

Log In Sign Up

Edit PDF Compress PDF Split PDF Merge PDF Convert to PDF EN All Tools More

Pages Options

Text Pen Whiteout Highlight Line Dashed Line Arrow Ellipse Polygon Image Save

Print Zoom In Zoom Out Select Undo Redo Delete Reset

Mini-batch gradient descent

- Large datasets
 - Divide dataset into smaller batches containing one subset of the main training set
 - Weights are updated after seeing training data in each of these batches
- Vectorization provides efficiency

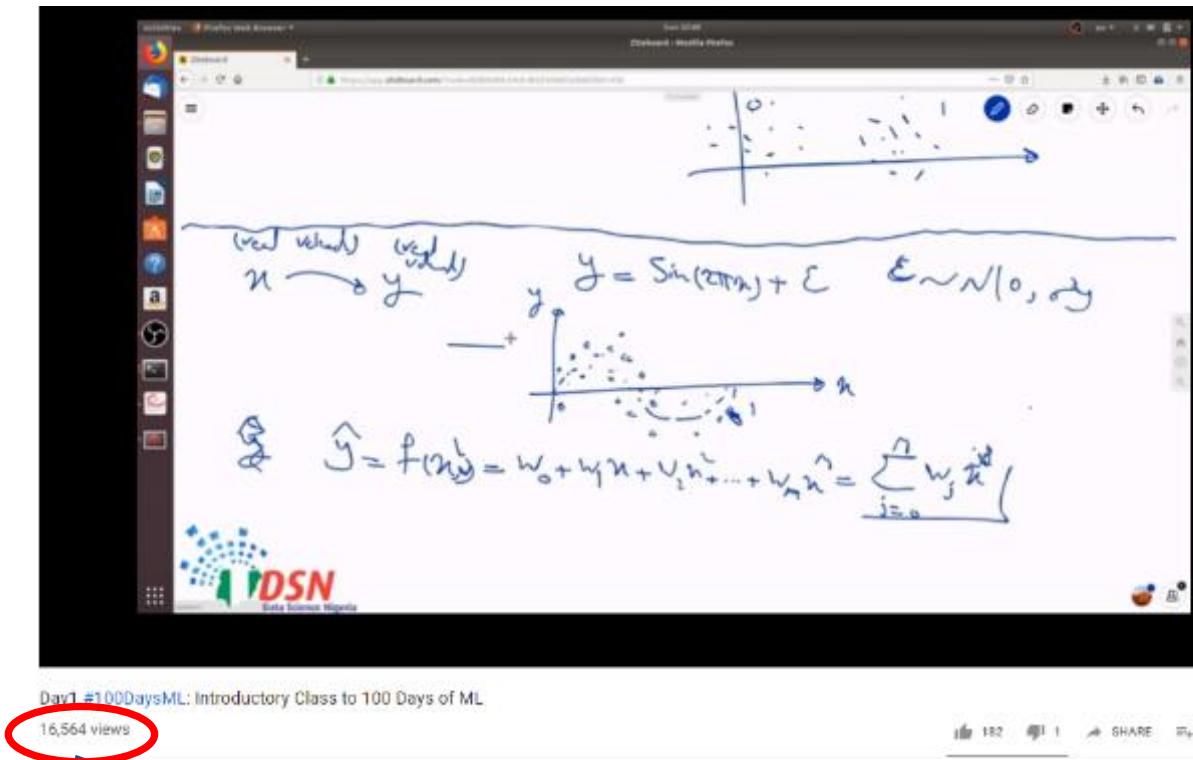
$$w^{t+1} = w^t - \eta \cdot \frac{dE}{dw}$$

$E = \sum_{k=1}^N \text{Loss}_k$

$N \left\{ \begin{array}{l} \text{Batch} \\ \vdots \\ \text{Batch} \end{array} \right\}$

6,239 views

Over 6,000 views



Day1 #100DaysML: Introductory Class to 100 Days of ML

16,564 views

Y = Sin(2πx) + ε $E \sim N(0, σ_y)$

$\hat{y} = f(x) = w_0 + w_1 x_1 + w_2 x_2 + \dots + w_n x_n = \sum_{i=0}^n w_i x_i$

Over 16,564 views



Kaggle

Learning through real-world dataset via Kaggle e.g. PayLater/OneFi unsecured loan risk prediction model

<https://www.kaggle.com/c/data-science-nigeria-credit-risk-prediction>

Data Science Nigeria/OneFi loan risk prediction
Predicting the odds of loan repayment among low income segment

48 teams · 3 days ago

Overview Data Discussion Leaderboard Results

Public Leaderboard Private Leaderboard

The private leaderboard is calculated with approximately 70% of the test data.

This competition has completed. This leaderboard reflects the final standings.

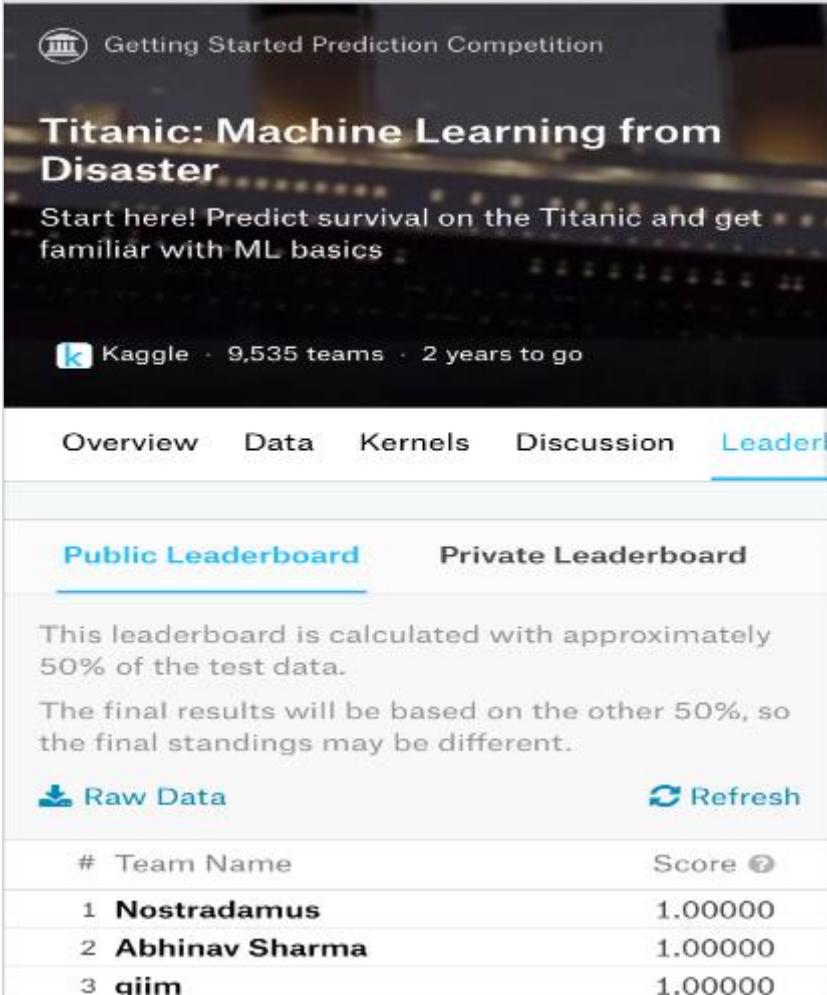
↻ Refresh

#	Team Name	Score
1	SamData	0.85320
2	samsonade	0.78325
3	Holar	0.78325
4	AkeemOlawoyin	0.78226
5	Chimalume Atuchukwu	0.78226
6	Femi Ogunbode	0.77832

	Overview	Data	Discussion	Leaderboard	Results
9	Simon			0.77635	
10	yomi adelowotan			0.77635	
11	Oguejiofor Chibueze			0.77339	
12	BabatundeAdekunle			0.77339	
13	ArHvEl			0.77339	
14	Kunle Fadeyi			0.77339	
15	ultron			0.77339	
16	Michael			0.77339	
17	Samuel Nwoye			0.77339	
18	Adekunle Bakare			0.77339	
19	Filemide			0.77339	
20	sridwan			0.77339	
21	ADEDOYIN OYINDAMOLA			0.77339	
22	Najwa			0.77339	
23	Moh			0.77339	
24	Kola			0.77241	
25	Mayweather			0.77241	
26	folaraz			0.77241	
27	EmmanuelChigere			0.77241	
28			0.77241	
29	Michael.I			0.77142	
30	Abass Olaiya			0.76748	
31	MipoK			0.76453	
32	Cyberzavnab			0.76453	

The use of Kaggle is to drive for world-class competitiveness and drive high quality capacity building :

3 DSN members in the Top 40 of the global Kaggle competition on Titanic survival model prediction – as at April 2019



The screenshot shows the Kaggle competition page for the 'Titanic: Machine Learning from Disaster' competition. At the top, it says 'Getting Started Prediction Competition'. Below that is the title 'Titanic: Machine Learning from Disaster' with the subtitle 'Start here! Predict survival on the Titanic and get familiar with ML basics'. It shows 'Kaggle · 9,535 teams · 2 years to go'. Below this are navigation links: Overview, Data, Kernels, Discussion, and Leaderboard (which is underlined). Under 'Leaderboard', there are two tabs: Public Leaderboard (underlined) and Private Leaderboard. A note says 'This leaderboard is calculated with approximately 50% of the test data. The final results will be based on the other 50%, so the final standings may be different.' At the bottom, there are links for 'Raw Data' and 'Refresh'. The 'Public Leaderboard' table shows the following top entries:

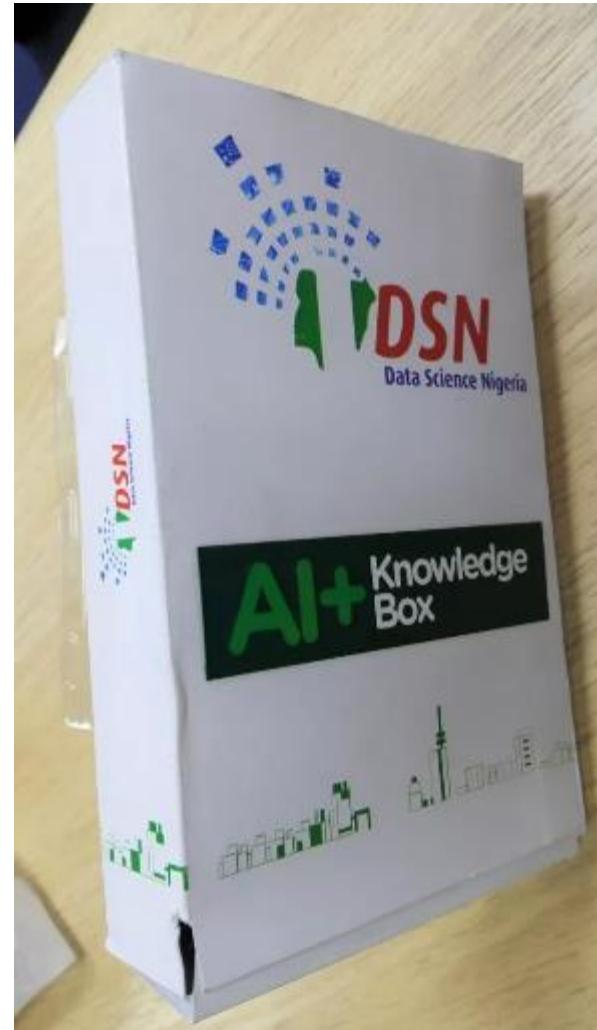
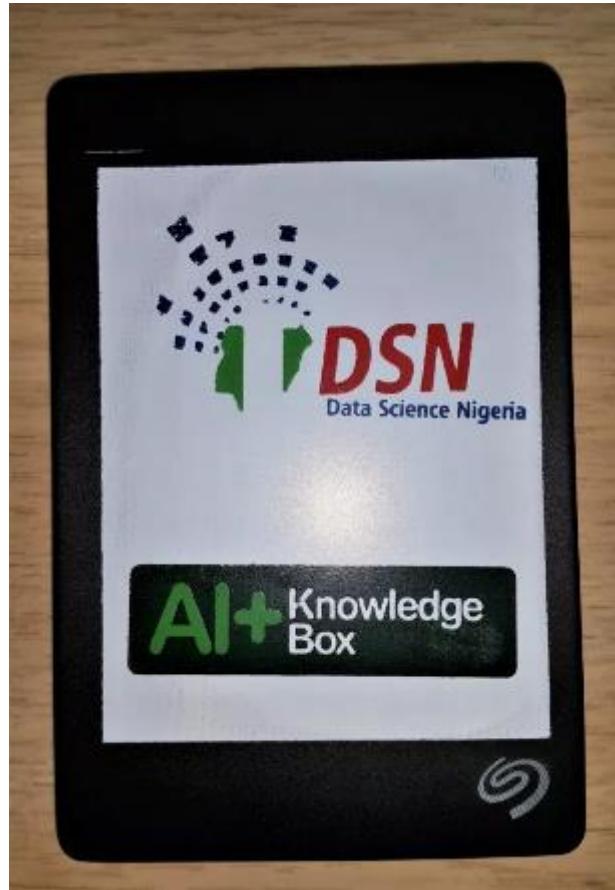
#	Team Name	Score
1	Nostradamus	1.00000
2	Abhinav Sharma	1.00000
3	aiim	1.00000

18	NUDT丁兆云DM课程黄红蓝	0.99043
19	krish95chs	0.98564
20	sebb	0.98564
21	TerenceCheng	0.98086
22	JaapNieland	0.97607
23	yuc107	0.97607
24	L.Chen	0.97129
25	Boss Wei	0.97129
26	linbo_casia	0.96650
27	U.Ahmed	0.96650
28	Sulaimon A. Afolabi	0.96172
29	Seray Beser	0.95215
30	Jacky Cheung	0.94736
31	Orachel	0.94736
32	Thanapoom P.	0.94736
33	Fémi Alùkò	0.94258
34	Tiziano Teso	0.93779
35	weasley	0.93301
36	Pond PP	0.93301
37	Bayo Adekanmbi	0.92344
38	zxcvbnm25	0.91866
39	PARMENION	0.90909
40	Yen-Ying Lee	0.90909
41	HelmutGassner	0.90430



Offline – content strategy

We democratised the learning with first-of-its-kind AI+ Knowledge Box – a USB of over 10,000 publicly available videos from top schools and conferences



- › The AI box is 2 Terabyte external drive with 10,141 Learning videos, which has been professionally downloaded from diverse AI learning platforms of top international Artificial Intelligence universities, leading global Machine Learning researchers and first-rated AI conferences across the world.
- › The selected videos are free and publicly available content, which were catalogued by knowledge level, interest, specialisation and domain of application.
- › Frontally addresses the challenges of internet cost, electricity limitation and poor download speed. Any self-driven learner can now be well equipped with the most robust knowledge at the same level as the best experts who practice AI in top schools and research labs in the US, UK and Canada.

Our Free Intro Artificial Intelligence book to deepen AI knowledge and appreciation as recorded over 300,000 direct downloads



The book cover is white with a green circular border. It features the DSN logo at the top left, a red molecular or neural network icon in the center, and the title 'ARTIFICIAL INTELLIGENCE SIMPLIFIED FOR STARTERS' in bold red capital letters. Below the title, it says '99 USE CASES AND EXPERT THOUGHTS FOR STARTERS'. At the bottom, it lists 'BY OLUBAYO ADEKANMBI & 30+ EXPERTS'.

ARTIFICIAL INTELLIGENCE
SIMPLIFIED FOR STARTERS

30+ EXPERTS & USERS

A grid of 30 circular portraits of diverse individuals, each with a green border. The portraits are arranged in five rows and six columns. The people in the portraits represent various ethnicities and professional backgrounds, reflecting the global reach of the book's audience.

By **Olubayo Adekanmbi**

Free Download as PDF

Donation-based Download via Amazon Kindle & Apple iBook
www.datasciencenigeria.org/aisimplified



Hands-on/Hackathon/Internship

10 of the 2nd Bootcamp attendees given employment by KPMG

Project Name: Unsupervised clustering of banking customers

<https://guardian.ng/business-services/communications/kpmg-offers-internship-to-10-data-science-nigeria-hackathon-participants/>

The Punch Newspapers  Following

KPMG offers jobs to 10 Nigerian Hackathon participants



KPMG offers jobs to 10 Nigerian Hackathon participants

Ozioma Ubabukoh Advisory services provider, KPMG, has offered internship to the top 10 participants in the recently concluded Data Science Nigeria Bootcamp Hackathon.

punchng.com

3:04 PM - 28 Nov 2017

4 Retweets 7 Likes



0 4 7 0

Top 10 Submissions

Ranking	Full name	Tools used in analysis	Concept employed in analysis	Assessor 1	Assessor 2	Assessor 3	Average
1	Blessing Olaeji	Excel, Oracle, KNIME, think-cell,	Pie charts, bar charts, models	75	94	88	86
2	Abioye Victor Temitope	Python, Pandas, Seaborn, Jupyter	Pie and Bar charts	79	73	83	78
3	Adebayo Aderibigbe	R and excel	Bar charts	72	92	71	78
4	Azeez Olamide Busari	Power BI, Toad for Oracle, Oracle Data Miner	Clustering model	80	85	60	75
5	Farouk Oluwatosin	Not provided	Pie and Bar charts	67	89	68	75
6	Zainab Ishaq Musa	Not provided	Bar charts, line graphs and scatter plots	64	64	76	68
7	Adeolu Samson	python, jupyter and anaconda	Bar charts and scatter plots	80	66	51	65
8	Emmanuel Ojuba	Not provided	Histograms	68	49	72	63
9	Yomi Adebowale	Not provided	Bar charts and pie charts	75	52	61	63
10	Oguejfor Chibueze	Python and Excel	Bar charts and tables	47	57	79	61

TechNext.ng  Following

KPMG Offers Internship, Employment Opportunity to Top 10 Data Science Nigeria Bootcamp Hackathon Participants - ...

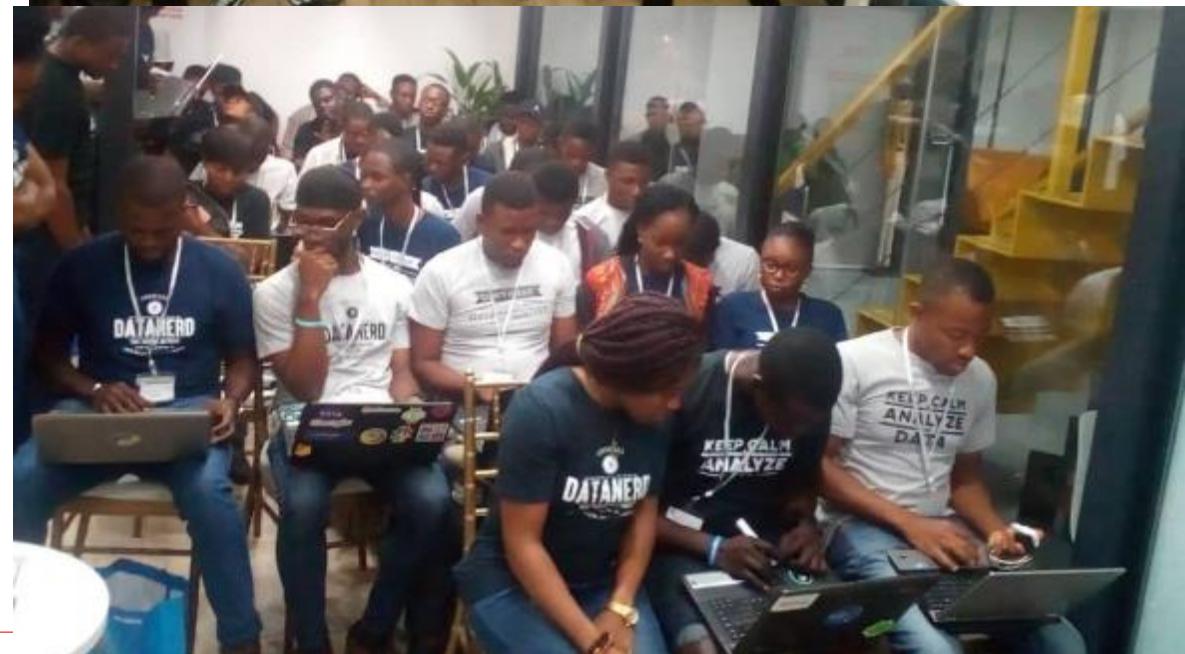


6:06 AM - 22 Nov 2017

Driving industry-relevant skills by exposing students to industry data e.g. Hackathon with Access Bank



The banner for DataHack 2018 features logos for Access Bank, Africa Fintech Foundry, and DSN. The main title "DataHack 2018" is prominently displayed in large white and red letters. Below it, the dates "7th - 9th December" are shown. A large green graphic on the left side contains the text: "All participants receive N25,000 for participation & transport. Internships available for best participants to operationalise the winning ideas." To the right, there's a section for registration with the URL <https://goo.gl/U1ctDg>. It also mentions past experience in Kaggle and ML learning bootcamps as criteria for selection. A location pin indicates the venue: "Africa Fintech Foundry, 1216 Ibiyinka Olorunbe, Victoria Island, Lagos". A small "For more information" section lists social media links and websites.



Zainab Ishaq Musa wins the 2018 Hult Prize regional competition for applying Machine learning to solve energy challenge.

Qualified for UK acceleration and Finals in the US for the US\$1,000,000 pitch.



Data Science Nigeria Member, Zainab Ishaq Musa Wins 2018 Hult Prize Regional Competition, to Compete for \$1M Prize in Finals

David Afolayan April 6, 2018 0 Comments 2



Zainab Ishaq Musa, a student of the Ahmadu Bello University, Zaria has led her team to win the 2018 Hult Prize regional competition on the use of machine learning to solve energy challenges. This was first disclosed in a tweet by Data Science Nigeria (DSN)’s official handle on Twitter:



HULT PRIZE ABOUT WHY HULT PRIZE OUR METHODOLOGY ENTREPRENEURS PROGRAMS MEDIA & AWARDS WATCH FINAL

Since 2009, the Hult Prize has been a benchmark program for social entrepreneurs.

10,000,000

Slum-Dwellers Targeted
2018 Hult Prize stretch target for individuals impacted by winning idea.

10,000,000

Total Hours
Estimated for 2017. Total applications multiplied by average hours spent per team per challenge via poll of past participants.

5,000

Startup Ideas
Sum of all regional finalists teams through 2017 competition.



50,000

Annual Applications
Total number of applications in all rounds of 2017 Hult Prize.

1,500

Entrepreneurs
Participating in the regional finals in 2017.

1,000+

Schools Represented
In total since the inaugural year (2009).

“One of the **top 5 ideas** changing the world”

– President Bill Clinton for Time Magazine, October 2012



AI for Social Good and Application projects

Strong focus on AI for Good- AI Class Monitor



1. Capturing

Camera records class session in a non-obtrusive manner. The faces of each child is blocked but each person is recognized with an automatic unique code



2. Scanning

The back-end algorithm analyses the videos and identifies each student's face and behaviours at different times of the day



3. Storing

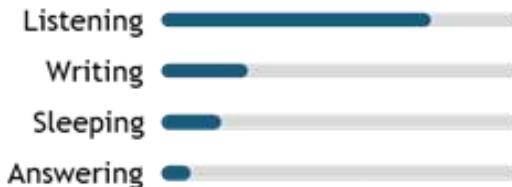
The video and sequenced picture frames are encrypted and stored in a server



4. Classification

Student's in-class behaviors and facial emotions are placed profiled, powered by deep-learning neural networks

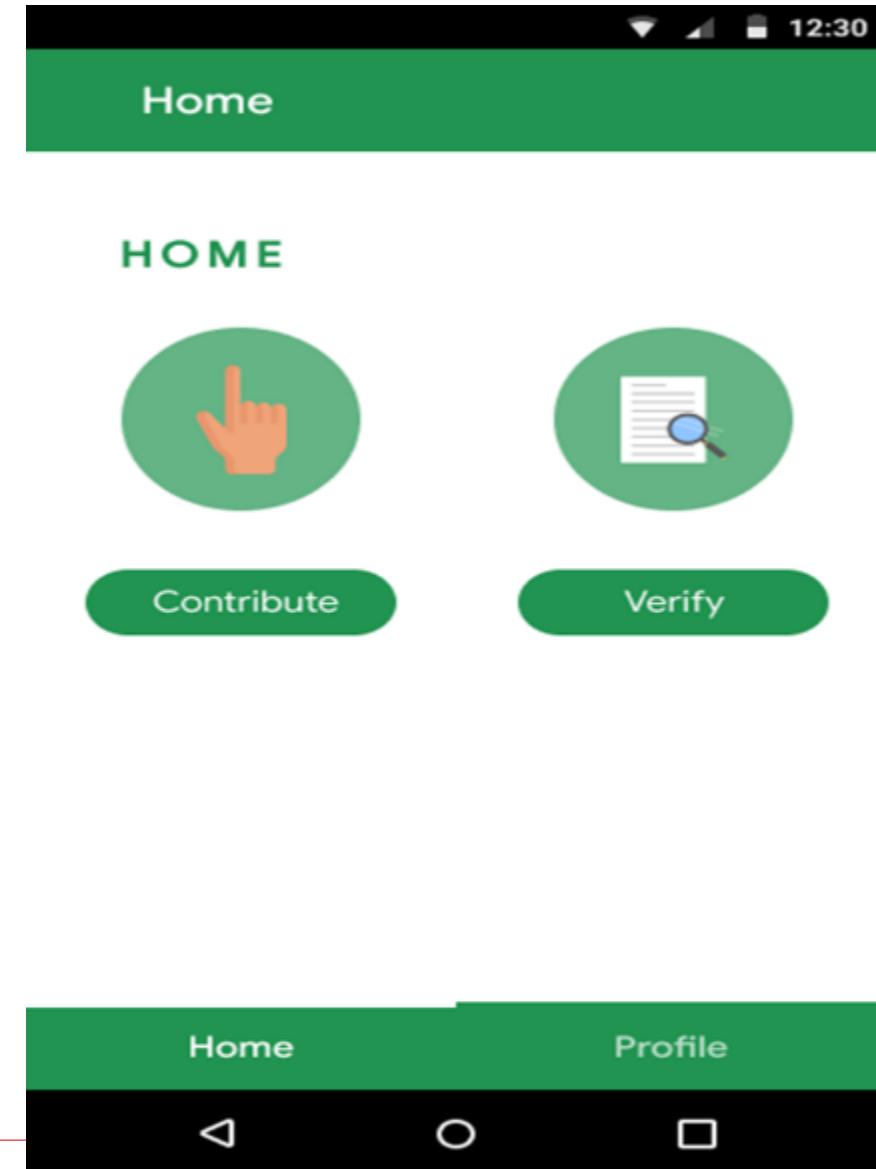
5. Reporting/Analysis



SCORE
84

Combined facial emotion recognition and Human Action Detection Algorithms based on Deep Learning best practices will analyse each student's behavioural/facial data and score each student between 0 to 100 every day/week and immediately suggest necessary intervention for the classroom teacher per child. Parents can also receive the daily notifications via an app

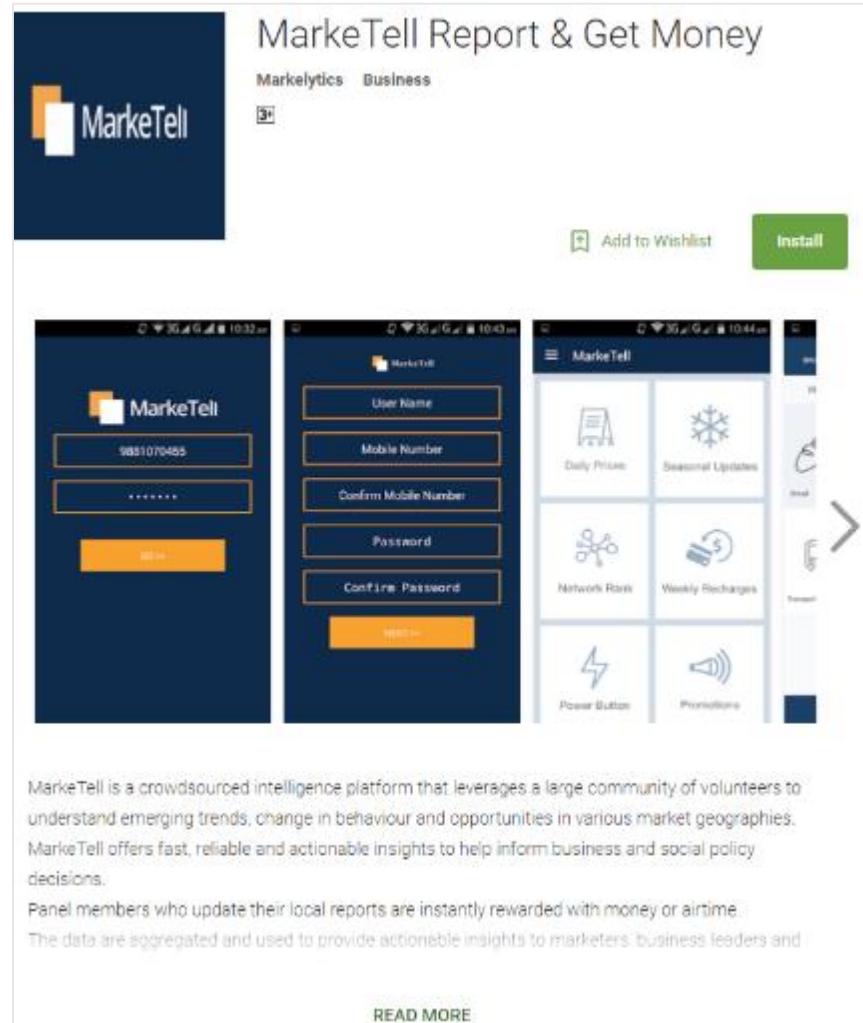
How Crowdsourcing, Language Analysis and Automatic voice generation is addressing fraud



Building innovative ways for local data collection: Check4Me and MarkeTell



Data Science Nigeria has a focus on the use of publicly collected data for social development and business efficiency— hence a strategic focus on developing tools that can collect real-time data at local government level.



MarkeTell Report & Get Money

Markelytics Business

Add to Wishlist Install

MarkeTell

User Name

Mobile Number

Confirm Mobile Number

Password

Confirm Password

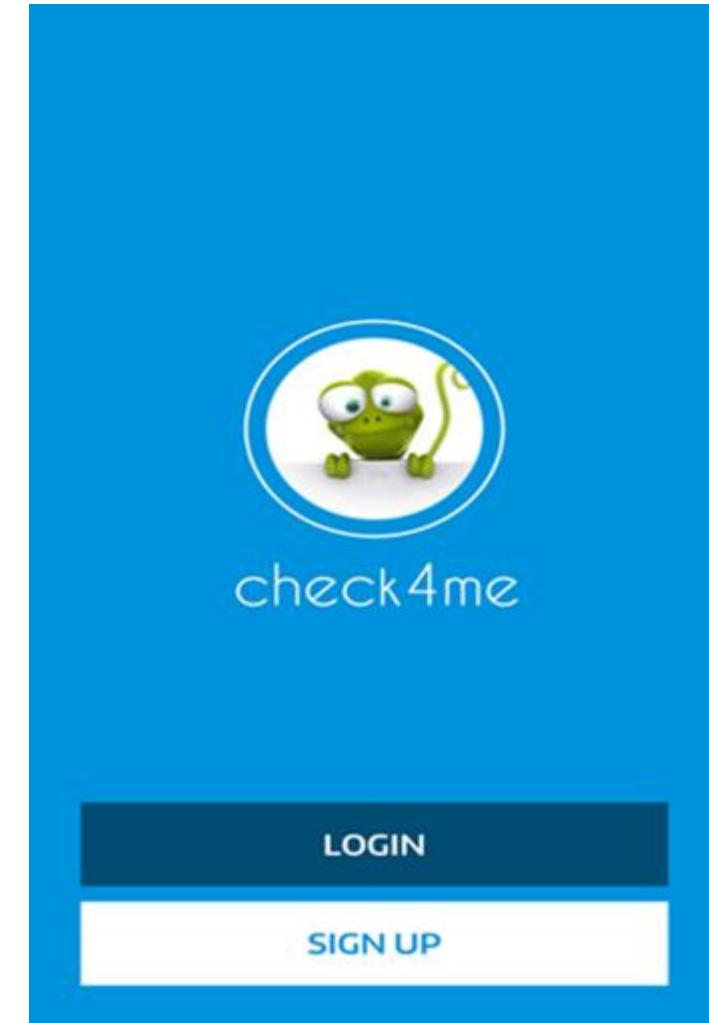
Daily Prices Seasonal Updates

Network Rank Weekly Recharges

Power Button Promotions

MarkeTell is a crowdsourced intelligence platform that leverages a large community of volunteers to understand emerging trends, change in behaviour and opportunities in various market geographies. MarkeTell offers fast, reliable and actionable insights to help inform business and social policy decisions. Panel members who update their local reports are instantly rewarded with money or airtime. The data are aggregated and used to provide actionable insights to marketers, business leaders and

READ MORE



check4me

LOGIN

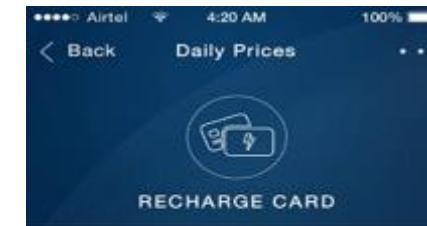
SIGN UP

MarkeTell collects predefined data from a paid panel sample across the country



Please indicate by clicking which of these events occurred in your area in the last one week:

- Planting
- Harvesting
- Drought
- Major Rain
- Festival
- Strike/Protest
- School holiday



How much have you spent on recharging your phone in the last one week? Report by operator

-  Enter the Cost 
-  Enter the Cost 
-  Enter the Cost 
-  Enter the Cost

Submit



Please indicate by clicking how you rate electricity in your area in the last one week

Good

Submit

AI Hub
174b, Murtala
Muhammed Way, Yaba,
Lagos



1st Dedicated Science Community/AI Hub in Nigeria with AI research tools



The AI Hub provides support & access to AI data collection tools



Latest Google Clip AI Cameras



AWS AI DeepLens Cameras



Intel Movidius Neural Sticks for advanced facial and object recognition.



Research Drones/Sensors for Farm data collection



GSM/GPRS/GPS Tracking Device



Bionic Nature Observing Device With Recording



Fisheye 360 Degree Wireless Wifi Panoramic IP Camera

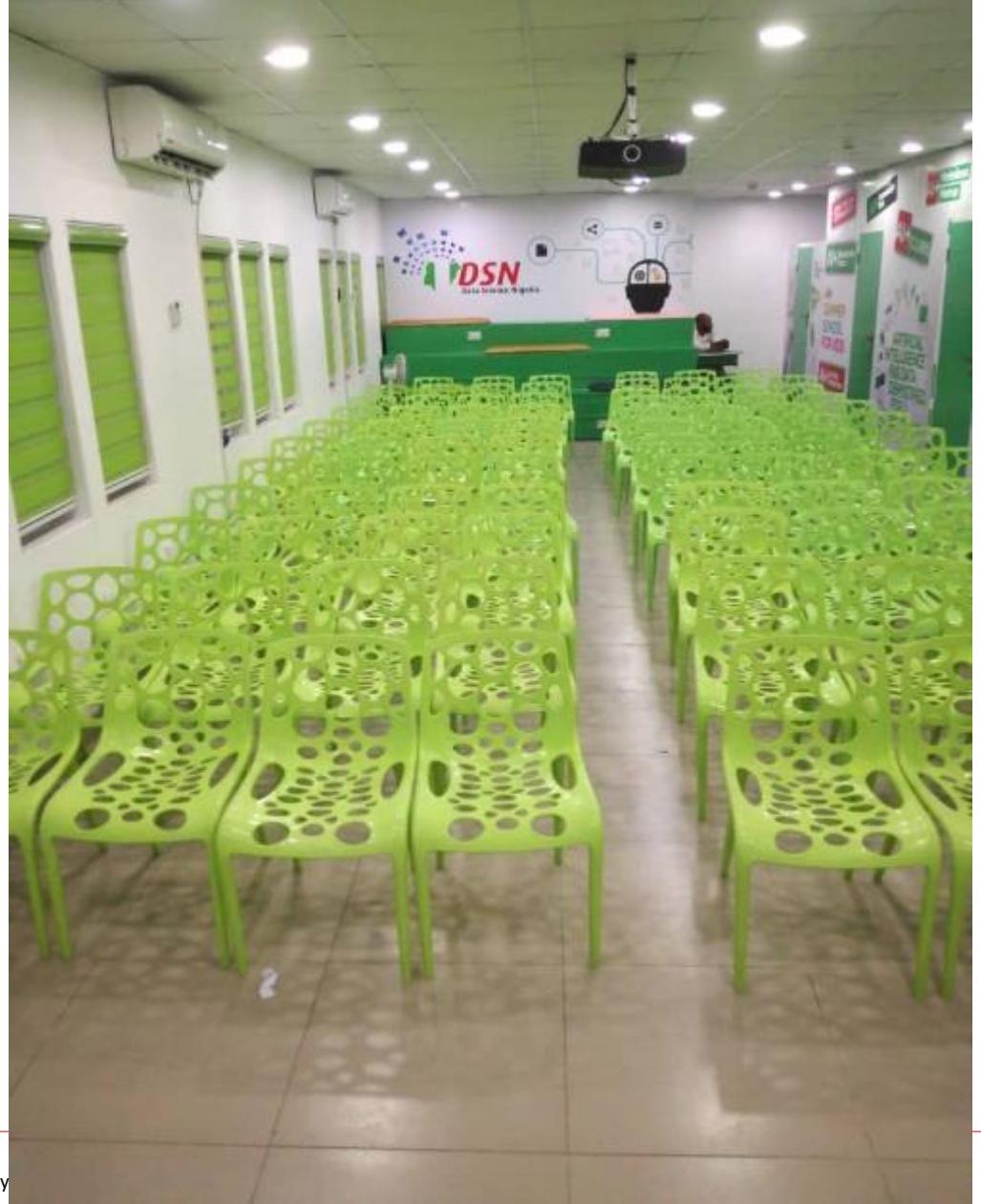


AWS IoT Button

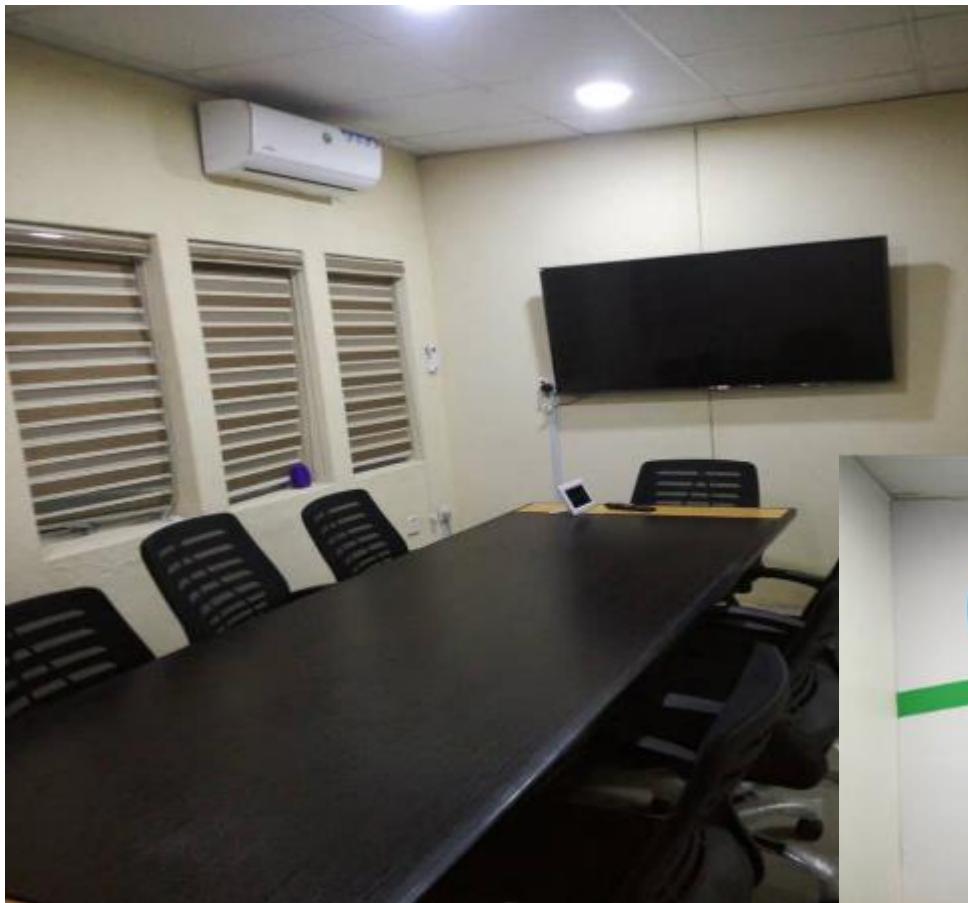


Sleep Quality /Health/ Wellbeing data collector

It is a 100-seater venue



The Hub also has a minilab on AgroSensor Design – how to use AI to understand weather impact on yield and 3 other major AI projects are being incubated at the Hub



The Hub also has a Library with a **10-seater space** for private reading and with **152 titles**



The Hub also has a Library with a **10-seater space** for private reading and with **152 titles**



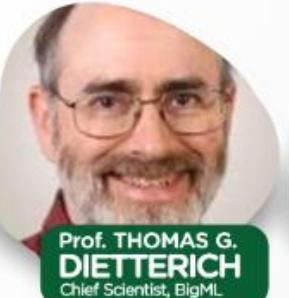




ARTIFICIAL INTELLIGENCE / BIG DATA DEMYSTIFIED FOR EXECUTIVE



**MARGARYTA
OSTAPCHUK**
Microsoft Canada



**Prof. THOMAS G.
DIETTERICH**
Chief Scientist, BigML



**ERIC
SODOMKA PhD**
Research Scientist, Facebook



**TOMI
AMAO**
Chief Technology Officer
Softcom Nigeria



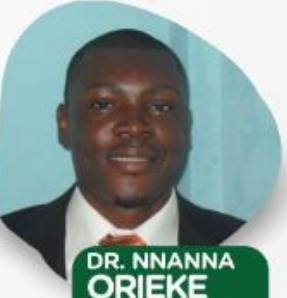
**EMMANUEL
DORO**
Director, Data Science,
Walmart, USA



**BAYO
ADEKANMBI**
MTN, Nigeria



**SABRINA
SMAI**
Microsoft Canada



**DR. NNANNA
ORIEKE**
AI Expert, Microsoft Nigeria



**NICHOLAS
LITOMBE PhD**
Data Scientist, Unacast, USA



**Inuwa Ya'u
BARAU**
GRID3 Nigeria National Coordinator

WEDNESDAY 20,
NOVEMBER, 2019

8:30AM-5PM



**FOUR POINTS
BY SHERATON,
VICTORIA ISLAND
LAGOS**

Limited seats available,
for reservation: please call Seun
on 0814 008 8800 or email
Oluwaseun@datasciencenigeria.ai

For more information on the event
agenda and focus, please visit
www.datasciencenigeria.org/aiexecutive

SPONSORED BY:
Softcom
Softcom Nigeria

2019 AI Bootcamp

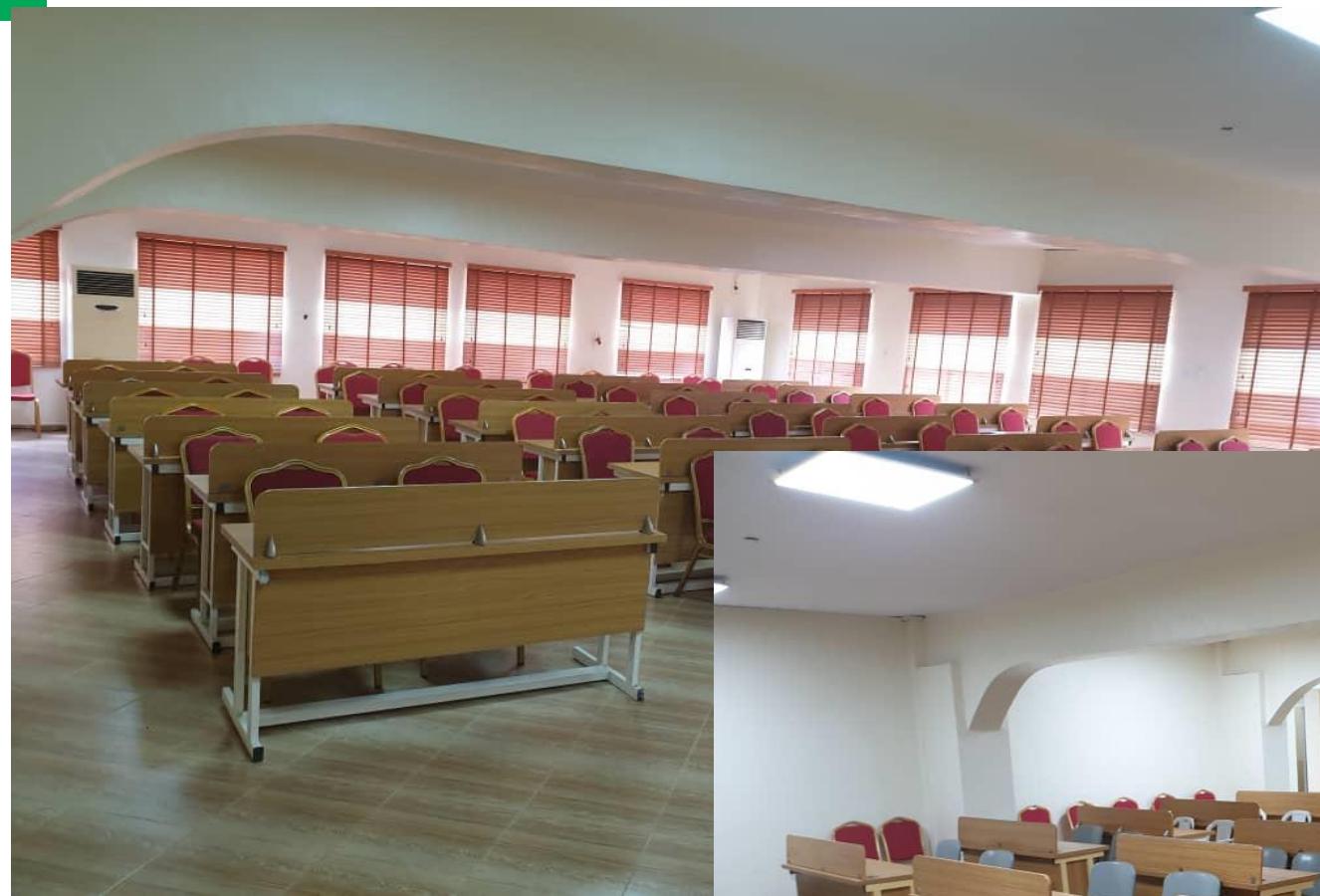
19-24 November,
2019



New Engineering Hall, University of Lagos



CITS Labs, University of Lagos



Download our 2018/2019 annual report

http://bit.ly/DSN2019_Annual_Report

Website: www.datasciencenigeria.org

Email: info@datasciencenigeria.org

Twitter: [Datasciencenig](#)

Instagram: [Datasciencenigeria](#)

Facebook: facebook.com/datasciencenig

YouTube: <https://goo.gl/Vcjyp>

Phone : +2348140000853

For videos and other reports, you can see a link to 25 key milestones of the non-profit via this link <https://goo.gl/Hc5Bhd>