



## ***Data Science Nigeria: Taking Artificial Intelligence to every city in Nigeria***

***March 25 to April 18, 2019***

Data Science Nigeria is a non-profit driven by a vision to build a **world-class Artificial Intelligence knowledge, research and innovation ecosystem** that delivers high impact research, business use applications, locally-relevant AI-first start-ups, increase employability and drive for social good use cases. Our drive is to accelerate Nigeria's development through the solution-oriented application of machine learning to solving social/business problems and to galvanize a data science knowledge revolution. We believe that in 10 years, Nigeria will become one of the top 10 AI talent/knowledge destinations with **20% GDP multiplier impact** to attain a **1 million AI talents in 10 years mandate**

### **Our Successes**

- 300,000+ direct download of our ***Artificial Intelligence for Starter free ebook*** to stimulate interest in AI through use cases and inspirational contribution from leading AI experts including recognized leaders like Prof Yoshua Bengio
- 10,212 participated in the 1st ever Intercampus Machine Learning competition that involved 95 universities and a great opportunity to incentivize Nigerian students to learn Introduction to Machine Learning with Python, R and MS Azure
- 12,234 online participants in Data Science course – from registration to at least one class

- Over 1,000 have participated in our face to face classes via fully residential all-expense-paid bootcamp, free meet-ups and weekly classes at the AI Hub
- 203 direct job placement, project participation and internship
- 4 innovative product ideas that are being pre-incubated
- The largest convergence of academia and industry practitioners as mentors to support real-world application of learning
- High impact learning bootcamps, academic engagement and direct job placements (full time, freelance and internships) for young Nigerian data scientists
- Strategic partnership with leading firms and organisations including Microsoft, Bill and Melinda Gates Foundation, KPMG, Access Bank, African Fintech Foundry, BlueChip Technology, Nigerian Bureau of Statistics, Terragon Group, Proshare Nigeria, FCMB Bank, Guardian Newspapers, Diamond Bank, InstaDeep, PayLater OneFi, Keoun, Axa Mansar, Interswitch etc.

## Data Science Nigeria AI Invasion 5-day Introduction to Machine Learning Masterclass in 30 cities

Location	Tutor	Phone Number	Host	Phone Number	Date	Venue
<b>Nassarawa</b>	Ismaila Hassan	08062132407	Ogbonna Bide Chijioke	08119170823	24 <sup>th</sup> – 29 <sup>th</sup> March	HND 1 Lecture room, Department of Computer Science, Nasarawa State Polytechnic Lafia
<b>Markudi</b>	Ezekiel Olugbami	08145242333	Youthhub Godwin Simeon Kper	08186202101 07039032609	25 <sup>th</sup> – 29 <sup>th</sup> March	Lab II, Directorate of ICT Benue State University, Makurdi

<b>Abia</b>	George Godstrump	08104996985 (09081414107)	Ebeh Elisha Chidera	09076641303	25 <sup>th</sup> – 29 <sup>th</sup> March	School of General Studies Computer Laboratory Michael Okpara Uni. of Agric. Umudike, Abia
<b>Bauchi</b>	Abass Olaiya	07062962468	Aliyu Ayuba	09022703795	25 <sup>th</sup> -29 <sup>th</sup> March	Intelligence Square Bauchi
<b>Kaduna</b>	Rising Odegua	07013434631	Zainab Ishaq Musa	08033266786	25 <sup>th</sup> – 29 <sup>th</sup> March	School Knowledge Centre, Togo Street, Malali, Kaduna
<b>Akure</b>	Grace Ufeoshi	07034214760	Okegbemi Lawrence Oladele Segun Olabanji	08188624663 08145421551	25 <sup>th</sup> – 29 <sup>th</sup> March	Akure TechHub, Botanical Garden, Fed. Uni. of Tech. Akure
<b>Enugu</b>	Emmanuel Adeiza Ozi-yusuf	08165715423	Nwanyimba Jewel Uguru	08148838612	25 <sup>th</sup> - 29 <sup>th</sup> March	Faculty of engineering ICT laboratory, Enugu state university of Science and Technology, Enugu
<b>Owerri</b>	Onuoha Obinna	08140276106	ThankGod Izeuma Egbeshiobu Pascal Ibekwe	09031205367 08131033380	25 <sup>th</sup> -29 <sup>th</sup> March	Software Lab, Opposite Workshop 3, Federal Uni. of Technology, Owerri
<b>Delta</b>	Abimbola Olawale Victor	08168928910	Ahanor Nosa Chima James Nwakigwe Ilekura Idowu	08162696942 08025662644 08163061883	25 <sup>th</sup> – 29 <sup>th</sup> March	Computer Science lab, College of Science, Federal Uni. of Pet. Resources, Effurun
<b>Minna</b>	Rising Odegua	07013434631	Atom Emmanuel Aondover Raji Abdulgafar	08122205518  08143265373	1 <sup>st</sup> - 5 <sup>th</sup> April	Computer Lab5, Fed. Uni. of Tech Minna
<b>Benin</b>	Kelvin Oyanna	08036467038	Alo Joel Michael Oghenekome Efemena	08151695911 08183936446	1 <sup>st</sup> – 5 <sup>th</sup> April	South South Innovation Hub. Edo Innovates building, Benin
<b>Kano</b>	Joseph Oladokun	08133509636	Jato Fanan Joseph Aminu Bin Ibrahim	08186202101 08032882955	1 <sup>st</sup> – 5 <sup>th</sup> April	PG, Lecture Hall, Last Floor, Department of Computer Science Bayero Univerity, Kano
<b>Oyo(Ogbomoso)</b>	Sowole Oladimeji Samuel	07033893505	Sarah Adigwe Lawal Adeola Zainab Isiaka Israel Olamide	08100014254 08142432814 08100439822	1 <sup>st</sup> – 5 <sup>th</sup> April	New ICT Building, Ladoke Akitola Uni. Of Tech, Ogbomoso

<b>Anambra (Akwa)</b>	Abimbola Olawale Victor	08168928910	Akachukwu Chidi Kingsley	07065878376	1 <sup>st</sup> – 5 <sup>th</sup> April	Statistics Lab, Statistics department, Faculty of Physical Sciences, Nnamdi Azikiwe University, Awka
<b>Benue</b>	Emmanuel Adeiza Ozi-yusuf	08165715423	JIRAJI KELVIN TERSOO	07035652264	1 <sup>st</sup> – 5 <sup>th</sup> April	Agritech Hub, 8, Jonah Jang Crescent, Entrepreneurship Development Center, Makurdi, Benue
<b>Zaira</b>	Aminu Abdulsalami	08060708640	Mr. Ibrahim Enesi Umar Dr. Barroon Ahmad	08054195327 08063238793	1 <sup>st</sup> – 5 <sup>th</sup> April	Department of Computer Science, Postgraduate Lecture Hall, Centre of Excellence, Ahmadu Bello University, Zaira
<b>Jigawa</b>	Abass Olaiya	07062962468	Zainab Ishaq Musa	08033266786	1 <sup>st</sup> – 5 <sup>th</sup> April	Manpower Development Institute, Dutse
<b>Lagos</b>	Adesiji Blessing	08143951456	Sanni Oluwatosin	08145214512	1 <sup>st</sup> - 5 <sup>th</sup> April	Mathematics Department Lab Science Complex Lagos State Uni. Ojo
<b>Port Harcourt</b>	Kelvin Oyanna	08036467038	Jehu Oreri	07066755769	8 <sup>th</sup> – 12 <sup>th</sup> April	FututeSphere BI Hub 2 <sup>nd</sup> Floor Mattoris Place G.U. Ake Road, Port Harcourt
<b>Ekiti</b>	Obasa Temitope	08165304916	Otenaike Adegboyega Babatunde	08032484959	8 <sup>th</sup> – 12 <sup>th</sup> April	Engineering Lecture Theatre, Ikole Campus Federal. Uni. Oye, Ekiti
<b>Ilorin</b>	Raheem Nasirudeen	08130176978	Asanloko Tejumola	08027007910	8 <sup>th</sup> - 12 <sup>th</sup> April	Founders Hub, 12 Onikanga road G.R.A Ilorin
<b>Abeokuta</b>	Adesiji Blessing	08143951456	LEAD Resources and Nigeria Computer Society, Ogun State chapter	08139721779	8 <sup>th</sup> - 12 <sup>th</sup> of April	Olusegun Obasanjo Presidential Library Youth Development Center, Okemosan, Abeokuta, Ogun
<b>Sokoto</b>	Ridwan Salahudeen	08065491787	Yusuf Ganiyu	08109219580	8 <sup>th</sup> – 12 <sup>th</sup> April	Post Graduate Hall,

						Usmanu Danfodiyo University Sokoto
<b>Osun (Ife)</b>	Sarah Adigwe	08100014254	Akorede Fodilu Olawale Justus Ilemobayo Odemakinde Elisha	08069664195 08102988078	8 <sup>th</sup> – 12 <sup>th</sup> April	Seminar Room, Topmost floor, Yellow House Building, Obafemi Awolowo University, Ile-Ife
<b>(Ago Iwoye)</b>	Warrie Usenobong	07080387761	Sakinat Folorunsho	08055369482	10 <sup>th</sup> - 14 <sup>th</sup> April	Mathematical Science Department, Olabisi Onabanjo University
<b>Ogun (Ilishan)</b>	Koye Sodipo	09030114464	Akande Oyebola	07055109124	14 <sup>th</sup> – 18 <sup>th</sup> April	CIT Lab, Babcock University, Ilishan
<b>Rivers</b>	Alo Joel	08151695911	Mamah Michael Chidike	08123234582	15 <sup>th</sup> – 19 <sup>th</sup> April	Department of Computer Science Lab, Rivers State University
<b>Ibadan</b>	Sowole Oladimeji Samuel	07033893505	Ahmed Babajide Olanrewaju Olumide Adaramoye	08033027479 08160427544	15 <sup>th</sup> - 19 <sup>th</sup> April	Faculty of the Social Sciences Lecture Theatre, University of Ibadan
<b>Bayelsa</b>	Emeka Boris Ama	09038954127	Daniel Tarerefa Olajuwon Owoseni	09031982220 08166525457	15 <sup>th</sup> – 19 <sup>th</sup> April	Faculty of Engineering Hall, Niger Delta University, Wilberforce Island, Amassoma, Bayelsa state
<b>Jos</b>	Chinonso Ani	07036609386	Chinonso Ani	07036609386	22 <sup>nd</sup> -26 <sup>th</sup> April	N-Hub Training Room, Last floor, Blue Whales Plaza, Old Airport Junction, Jos

## 25 MAJOR MILESTONES THAT SET DATA SCIENCE NIGERIA APART

- 1<sup>st</sup> of its kind Knowledge Box of 10,000 AI videos distributed free to Nigerian students and AI enthusiasts

<https://guardian.ng/technology/data-science-nigeria-democratises-artificial-intelligence-learning/>

- 300,000+ download of our free ebook on Artificial Intelligence for Starters

<https://goo.gl/QJio3W>

3. Publication of Annual Report as a registered non-profit  
<https://goo.gl/iQPfy4>
4. Development of locally-relevant data collection apps
  - Check4Me: <https://www.linkedin.com/feed/update/urn:li:activity:6501532932623081472>
  - MarkeTell: [goo.gl/XYhvs9](https://goo.gl/XYhvs9)
5. 1<sup>st</sup> ever InterCampus Machine Learning competition for 95 Nigerian universities and polytechnics  
<https://techcabal.com/2018/10/19/oau-and-unilag-students-win-the-data-science-nigeria-bluechip-inter-campus-machine-learning-competition/>
6. Artificial Intelligence Hub Formal Opening and Mini Hackathon  
<https://www.youtube.com/watch?v=X6To4gRQ5VQ>
7. 2018 Artificial Intelligence Summit & all-expense paid residential Bootcamp  
<https://www.youtube.com/watch?v=7k2Qu5nviIQ>
8. Pan Nigerian AI Knowledge sharing via FREE Introduction to Machine learning classes in 30 cities  
<https://www.linkedin.com/feed/update/urn:li:activity:6506851307486216192>
9. Over 10,000 participants in our bootcamp qualification online study  
<https://nigeriacommunicationsweek.com.ng/oau-unilag-students-win-bluechip-inter-campus-machine-learning-competition/>
10. Industry-level Hackathon with Access Bank and African Fintech Foundry  
<https://www.linkedin.com/feed/update/urn:li:activity:6478573643499597824>
11. 50+ direct job/internship placement & strategic partnership with KPMG  
<https://guardian.ng/business-services/communications/kpmg-offers-internship-to-10-data-science-nigeria-hackathon-participants/>
12. Data Science Nigeria member, Olamide Oyediran wins Zindi United Nation's Sustainable Development Goals Text Classification Challenge



<https://technext.ng/2018/11/27/datascience-nigerias-winner-emerges-zindi-africas-sustainable-development-goals-text-classification-challenge/>

13. Data Science Nigeria's Zainab Ishaq Musa Wins 2018 Hult Prize Regional Competition

<https://technext.ng/2018/04/06/data-science-nigeria-zainab-ishaq-musa-wins-2018-hult-prize-regional-competition-compete-1m-prize-finals/>

14. Artificial Intelligence for Executives and Business Leaders - Masterclass

<https://goo.gl/EMfXFw>

15. Formal validation as a US-verified charity via Equivalency Determination by NGOsource

<https://goo.gl/P3nSJH>

16. Development of Curriculum for intro Machine Learning & Deep Learning [https://drive.google.com/file/d/1h-](https://drive.google.com/file/d/1h-RxyjEdIKnN2iAf0_rUlqrNb5ofkW2I/view)

[RxyjEdIKnN2iAf0\\_rUlqrNb5ofkW2I/view](https://drive.google.com/file/d/1h-RxyjEdIKnN2iAf0_rUlqrNb5ofkW2I/view)

17. Publication of our 3 years Artificial Intelligence Roadmap (Vision 2016 to 2019)

<https://drive.google.com/file/d/1KKr1r0BmKyQcr62cVVafv3WTCDOJAX36/view?usp=sharing>

18. Industry Meet-Up on Natural Language Processing with prof Raj Khirishnan

<https://www.youtube.com/watch?v=hwJG6PATxvw>

19. Artificial Intelligence for Kids Summer School

<https://www.youtube.com/watch?v=jk3K1pjp53c>

20. Japanese envoy visit to the AI Hub

<https://technext.ng/2018/11/05/data-science-nigeria-robotic-lab-getting-support-japan/>

21. Artificial Intelligence for Agriculture with Prof Ndubuisi Ekekwe

<https://www.youtube.com/watch?v=-zkHFeEMoH8>

22. 2017 Summit and Bootcamp

[https://www.youtube.com/watch?v=\\_z\\_7hB-27A4](https://www.youtube.com/watch?v=_z_7hB-27A4)

23. AI Masterclass with visiting experts in the diaspora

<https://www.linkedin.com/feed/update/urn:li:activity:6505299530441846784>

24. Global mentorship programme

<https://technext.ng/2018/05/07/data-science-nigeria-dsn-launches-mentorship-initiative-40-mentors/>

25. Weekly free 10-week Introductory Machine Learning course

<https://www.linkedin.com/feed/update/urn:li:activity:6500000584848936960>





**Artificial Intelligence Bootcamps 2017/2018 – all expense paid and fully residential for local talent development**



Data Science Nigeria

**First-of-its-kind Knowledge Box- a 2 Terabyte USB of over 10,000 videos from top AI schools and conferences with a view to eliminating the constraints of expensive and low-quality internet access and electricity challenges**



**Inclusive learning through 5-day FREE Introductory Machine Learning classes in 30 Nigerian cities**

**AI+ INVASION 2019**

**30 HOURS OF INTRO MACHINE LEARNING IN 30 CITIES**

**MARCH 18 TO APRIL 17, 2019**

**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:**

- @DataSciNigeria
- DataSciNigeria
- https://go.gl/vkzyp
- www.dataSciNigeria.org
- info@dataSciNigeria.org

**For more information on this and other events, please click:**

**[www.dataSciNigeria.org/2019plans](http://www.dataSciNigeria.org/2019plans)**

**DSN**  
Data Science Nigeria

## Regular Dial-in Classes with global learning experts



**AI+ DIAL-IN  
RESEARCHERS FORUM**

WITH JOINT WINNER, BEST PAPER  
AWARD AT NeurIPS 2018

**TOPIC:**  
INTRODUCTION TO REINFORCEMENT  
LEARNING & DISCUSSION OF HIS AWARD  
WINNING PAPER ON Q-LEARNING TITLED  
"NON-DELUSIONAL Q-LEARNING AND  
VALUE ITERATION"

- Research scientist at Google.
- PhD from the University of Toronto, Canada
- MMath and BMath from the University of Waterloo.
- Research interests include decision making under uncertainty, reinforcement learning, preference aggregation and statistical learning theory.
- Winner, Best Paper Award, NeurIPS 2018

**TYLER LU** PhD

**DIAL-IN SPEAKER**

For more information:  
• @datasciencenigeria • @datascienceng  
• https://goo.gl/Vc3yyp • www.datasciencenigeria.org  
• info@datasciencenigeria.org

For more information on this and other events, please click:  
[www.datasciencenigeria.org/2019plans](http://www.datasciencenigeria.org/2019plans)



**1ST EDITION OF  
AI+ MASTERCLASS**

**TOPIC:**  
THE MATHEMATICS OF FEATURE  
EXTRACTION - PCA, LDA AND KERNEL  
PCA FOR FEATURE EXTRACTION &  
IMPLEMENTATION IN PYTHON

**WEDNESDAY FEB 20, 2019**

- 1st Class, Mathematics, UI, Ibadan
- Distinction, Masters in Maths from AAMS (University of Cape Town, South Africa)
- Joint PhD student -- IMT, Italy and KU Leuven, Belgium.
- Data Scientist, Mathematician and Economist.
- Worked with Siemens as a business developer.
- 2017 Nominee of the Thomson Reuters Excellence Award for student research in data science.
- Research - Recurrent Neural Networks for financial market forecast

**SAMUEL EDET**

**GUEST SPEAKER**

For more information:  
• @datasciencenigeria • @datascienceng  
• https://goo.gl/Vc3yyp • www.datasciencenigeria.org  
• info@datasciencenigeria.org

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**AI Hub: Human Resources Development Centre, University of Lagos, By 2nd gate, Akoka, Lagos**

**TIAM - 3PM**

## Free 10-week Face-to-Face class on Introduction Machine learning at a fully dedicated AI Hub



**DSN**  
Data Science Nigeria



Hackathon to deploy learning in solving business problems – partnership with leading companies in Nigeria



The poster for DataHack2018 features a green and white color scheme with a large '2018' in the center. The text 'DataHack' is in a bold, sans-serif font, and '2018' is in a large, stylized font. The dates '7th - 9th December' are written below 'DataHack'. The prizes are listed in a green box: '1ST PRIZE: 1,000,000', '2ND PRIZE: 500,000', and '3RD PRIZE: 250,000'. The poster also mentions that all participants receive N25,000 for participation and transport, and that the hackathon is a 3-day residential competitive event. Logos for Access Bank, Africa Fintech Foundry, and DSN are at the top.

access >>> AF AFRICA FINTECH FOUNDRY DSN Data Science Nigeria

**DataHack2018**  
7th - 9th December

2018

1ST PRIZE: 1,000,000  
2ND PRIZE: 500,000  
3RD PRIZE: 250,000

All participants receive **N25,000** for **participation & transport**. Internships available for best participants to operationalise the winning ideas.

The **DataHack2018** is a **3-days** fully residential competitive hackathon to apply Machine Learning principles to understand banking customers with focus on market basket analysis, pattern recognition, loan default etc.

To register, visit: <https://goo.gl/U1ctDg>

Past experience in **Kaggle** and **ML learning bootcamps** are criteria for selection

Africa Fintech Foundry  
1216 Ibiyinka Olorunbe,  
Victoria Island, Lagos

For more information:  
@datasciencenigeria  
#datascienceng  
<https://goo.gl/U1ctDg>  
[www.datasciencenigeria.org](http://www.datasciencenigeria.org)  
[info@datasciencenigeria.org](mailto:info@datasciencenigeria.org)

**DSN**  
Data Science Nigeria

## Contacts

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Instagram: [Datasciencenigeria](#)

Facebook: [facebook.com/datasciencenig](https://www.facebook.com/datasciencenigeria)

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

