



DSA SUMMER SCHOOL PROGRAMME

2ND JUNE - 6TH JUNE



MONDAY 2ND JUNE

8:30
9:15

Opening Remarks
1. General Chair -
2. Program Overview -
3. University of Ibadan

9:15
10:00

Responsible AI: Balancing Innovation
and Ethical Considerations - **Prof. Ad-
enike Osofisan**

10:30
11:00

TEA BREAK

11:00
13:00

Introduction to NLP - **Lyngua Labs**

AI in Health - **Ajibade and Adesina**

Leveraging TinyML for Responsible and
Sustainable Smart Agriculture in
Low-Resource Environments - **Segun
Adebayo**

13:00
14:00

LUNCH BREAK

14:00
16:00

Introduction to Computer Vision - **Dina
Machuve**

Risk and Fraud Detection Analytics with
R - **Prof Olubusoye**

Practical session on Multimodal AI:
Combining Text, Audio & Images for
Richer AI Models - **DSN/EqualyzAI**

16:00
16:30

TEA BREAK

16:30
17:30

Introduction to version control: Git and
GitHub - **Dr Adeleke Bankole**
University of Cambridge UK

TUESDAY 3RD JUNE

8:30
9:15

Agile Data Governance in Africa
Mourine Amutorine

AI for Livestock health
**Daniel Mtembesa - Makerere Uni-
versity**

Meaningful, Informed and Beneficial
Participation in the Development and
Utilisation of Artificial Intelligence for
African Communities - **Thiga Moses**

9:15
9:50

TITLE TBC: **Dr. Victor Odumuyiwa -
University of Lagos**

Leveraging Cloud and Encryption for Ni-
geria's Open Data Gateway- **Dr. Olusola
Ayoola (RAIN)**

Generalized Adaptive NLP Framework
for Financial Text Classification in
Emerging Markets - **Blessing Oladeji,
Steve Asemota**

10:30
11:00

TEA BREAK

11:00
11:45

Panel Session (Women in AI) **Prof.
Yinka David-West, Dr Success Ojo, Ay-
odele Awe, Kemi Ariyo** to be moderat-
ed by **Zainab**

11:45
13:00

When Accuracy Lies - **Dr Sakinat Folo-
runso**
Solomon Nsumba-Makerere AI Health
Lab, Ocular: Automated Mobile Disease
Microscopy

Generalized Adaptive NLP Framework
for Financial Text Classification in
Emerging Markets, **Blessing Oladeji,
Steve Asemota - Finance Octave Ana-
lytics**

13:00
14:00

LUNCH BREAK

14:00
16:00

Ezekiel Ogundepo - Automating Reproduc-
ibility: Leveraging Quarto and AI for Data
Science

Text-Number Conversion Library for African
Languages Using Pynini
Samuel Rutunda - Digital Umuganda

Robert John - IoT / Hardware

13:00
14:00

TEA BREAK

16:30
17:30

Building Responsible AI Solutions for
Credit Risk and Financial Planning in
Emerging Economies - **Israel Odeajo**

Generative AI - **Prof. Onidfade**

Prototyping an AI Application for finance
(Tools and Techniques) - **Femi Azeez,
Head of Data Science at Pastel Africa**

WEDNESDAY 4TH JUNE

8:30
9:15

TITLE TBC **Girmaw Abebe, Microsoft AI
for good reasearch Lab**

9:15
9:50

TITLE TBC DSI -Africa - **Michelle**

TITLE TBC
Adetayo Bamiduro - MAX Co Ltd

Real-Time Social Sensing and Situation-
al Intelligence for National Security-Use
Case of BHT - **Bridget**

10:30
11:00

TEA BREAK

11:00
11:45

DSA Hackathon

11:45
13:00

Federated Learning - **Cecilia Adenusi**

TITLE TBC **MAX Co Ltd**

Why Automation matters - **Abd-Rash-
eed Adeoye**

13:00
14:00

LUNCH BREAK

14:00
15:00

Towards Practical Human Pose Estima-
tion: Knowledge Distillation for Light-
weight and Deployable Models - **Clinton
Mwangi Kuya, Ciira wa Maina**

Map by Feel: Perceptual Modes for
Life-Like Navigation in Robots- **David
Wachira Warutumo, Ciira wa Maina**

ExecuTorch , **George Gekov ARM**

15:00
16:00

Roselne isimeto - In the world of Gener-
ative AI

16:00
16:30

TEA BREAK

16:30
17:30

How We Are Building AI Expertise Across
Africa - **Tejumade Afonja CISPA Helm-
holtz Center for Information Security**

DSA WORKSHOP PROGRAMME

THURSDAY 5TH JUNE

8:30
9:00

Opening Remarks - **Deputy Vice-Chancellor Admin**

9:00
10:00

TITLE TBC Key Note - **Neil Lawrence, University of
Cambridge**

10:00
10:30

Talks: AI for Agriculture (Arogbofa)

Talks: AI for Climate(Olabamiji)

Talks: AI for Health (Main Hall)

10:30
11:00

TEA BREAK / POSTERS

11:00
12:30

Talks: AI for Education / Finance (Arogbofa)

Talks: AI for Agriculture (Olabamiji)

Talks: AI for Health (Main Hall)

12:30
13:00

Dr Ernest Mwebaze/Dr John Quinn - Sunbird AI

13:00
14:00

LUNCH BREAK / POSTERS

14:00
15:00

Keynote 3 - **Caitlin Kraft**

15:00
16:00

Talks: NLP / Generative AI(Arogbofa)-

Talks: Talks: AI for Health (Main Hall)-

16:00
17:00

Talks: NLP / Generative AI(Arogbofa)-

Talks: Talks: AI for Health (Main Hall)-



DSA 2025 I BADAN
SCHEDULE