

GHANA DATA SCIENCE SUMMIT (INDABAX GHANA) 2025 PROGRAM												
Conference Day 1: 18th June, 2025												
Time	Activity				Details							
08:00 - 09:00	Registration Desk Opens + Mentorship		Prof.Dr. Augustine Danteh									
09:00 - 09:05	Opening Remarks		Kwabena Bamfo									
09:05 - 09:25	Welcome address		Rob Floyd		We Better Get This Right: Data Science and the Future of Economic Development							
09:25 - 10:05	Opening Keynote Address		MC									
10:05 - 10:15	Group Photo											
10:15 - 10:20												
10:20 - 11:20	Tutorial -Teaching	Python Programming and Machine Learning Track	Track	Level	Description	Room	Switch Rooms	Organization/Role	Email	Co-Facilitator	Role	Email
				Foundational	Learning Theory: Bridging Math and ML	Nutor Hall 115	Name of Speaker/ Facilitator	Emmanuel Asiedu	Research Scientist, Google	brempong@google.com	Joel Osei-Asamoah	joel.osei-asamoah@alumni.ashesi.edu.gh
		Generative AI, Responsible and Ethical AI Track	Specialisation	Optimisation Techniques for Machine Learning	Jackson Hall 115	Jeremiah Ishyaya	Lecturer, Academic City University	jeremiah.a.ishaya@aims-senegal.org	Toufiq Musah	toufiqmusah32@gmail.com		
			Foundational	NLP Essential Preprocessing Techniques	Nutor Hall 216	Clifford Mills	Investment Intelligence Analyst, Teleperformance SE	millsclifford10@gmail.com	Joy Tari-Bagshaw	Joytaribagshaw@gmail.com		
			Specialisation	Leveraging Large Language Models for Text Generation and Summarization	Jackson Hall 116	Nana Sam	Machine Learning Engineer, minoHealth AI Lab	nanayeb34@gmail.com	Audrey Agbeve	audreyagbeve02@gmail.com		
11:20 - 11:25	Break											
11:25 - 12:25	Tutorial -Teaching	Python Programming and Machine Learning Track	Track	Level	Description	Room	Organization/Role	Email	Co-Facilitator	Role	Email	
				Foundational	Learning Theory: Bridging Math and ML	Nutor Hall 115	Name of Speaker/ Facilitator	Emmanuel Asiedu	Research Scientist, Google	brempong@google.com	Joel Osei-Asamoah	joel.osei-asamoah@alumni.ashesi.edu.gh
		Generative AI, Responsible and Ethical AI Track	Specialisation	Optimisation Techniques for Machine Learning	Jackson Hall 115	Jeremiah Ishyaya	Lecturer, Academic City University	jeremiah.a.ishaya@aims-senegal.org	Toufiq Musah	toufiqmusah32@gmail.com		
			Foundational	NLP Essential Preprocessing Techniques	Nutor Hall 216	Clifford Mills	Investment Intelligence Analyst, Teleperformance SE	millsclifford10@gmail.com	Joy Tari-Bagshaw	Joytaribagshaw@gmail.com		
			Specialisation	Leveraging Large Language Models for Text Generation and Summarization	Jackson Hall 116	Nana Sam	Machine Learning Engineer, minoHealth AI Lab	nanayeb34@gmail.com	Audrey Agbeve	audreyagbeve02@gmail.com		
12:25 - 13:55	Lunch Break											
13:55 - 14:55	Tutorial -Exercise	Python Programming and Machine Learning Track	Track	Level	Description	Room	Organization/Role	Email	Co-Facilitator	Role	Email	
				Foundational	Learning Theory: Bridging Math and ML	Nutor Hall 115	Name of Speaker/ Facilitator	Emmanuel Asiedu	Research Scientist, Google	brempong@google.com	Joel Osei-Asamoah	joel.osei-asamoah@alumni.ashesi.edu.gh
		Generative AI, Responsible and Ethical AI Track	Specialisation	Optimisation Techniques for Machine Learning	Jackson Hall 115	Jeremiah Ishyaya	Lecturer, Academic City University	jeremiah.a.ishaya@aims-senegal.org	Toufiq Musah	toufiqmusah32@gmail.com		
			Foundational	NLP Essential Preprocessing Techniques	Nutor Hall 216	Clifford Mills	Investment Intelligence Analyst, Teleperformance SE	millsclifford10@gmail.com	Joy Tari-Bagshaw	Joytaribagshaw@gmail.com		
			Specialisation	Leveraging Large Language Models for Text Generation and Summarization	Jackson Hall 116	Nana Sam	Machine Learning Engineer, minoHealth AI Lab	nanayeb34@gmail.com	Audrey Agbeve	audreyagbeve02@gmail.com		
14:55 - 15:00	Switch Rooms											
15:00 - 16:30	Panel Discussion: "The AI Paradox: How LLMs Empower and Endanger Society."											
16:30 - 16:55	Spotlight * 4 people (5 minutes each)	Presentation Title				Presenter		Email				
		CNN-Based Accent Similarity Detection Using Masked Spectrogram Reconstruction				Amina Salifu		aminasalidu29@gmail.com				
		Knowledge of AI use and Prediction of AI Adoption among selected residents in the Greater Kumasi Area of Ghana				Elvis Mwinsome Sobiesuo		sobiesuo65@gmail.com				
		A Hybrid Deep Learning-Based Stochastic Bottom-up Framework for Enhancing Electricity Demand Prediction in Rural Electrification				Julius Adinkrah		juliusadinkrah7@gmail.com				
16:55 - 17:00	From Limited Contexts to Rich Data: Elevating Twi NLP through Diverse and Verified Datasets				Jackline Mireku		mirekujackline@gmail.com					
Closing Remarks												

Conference Day 2: 19th June, 2025											
Time	Activity		Details								
08:00 - 09:00	Registration Desk Opens + Mentorship										
	Track	Level	Description	Room	Name of Speaker/ Facilitator	Organization/Role	Email	Co-Facilitator	Role	Email	
09:00 - 10:00	Tutorial -Teaching	Python Programming and Machine Learning Track	Foundational	Intro to Python	Nutor Hall 115	Eugene Tettey Ayerkain	Data Science Instructor, Blossom Academy	ugeneayerkain@gmail.com	Rahmat Akintola	Technical Support Mentor, MEST Africa	
			Specialisation	Introduction to Pytorch and libraries for deep learning	Jackson Hall 115	Joshua Otis	Freelancer	joshuaotis41@gmail.com	NA		akintolarahmah@gmail.com
		Generative AI, Responsible and Ethical AI Track	Foundational	NLP Fundamentals: Handling Textual Data and Word Embeddings	Nutor Hall 216	Alex Quao	Quantitative Modeller, Korbly Limited	lxquao@gmail.com	Adobea Essien	Dealer Operations Analyst, Autochek Africa	reginaessien83@gmail.com
			Specialisation	Empowering Conversational AI with Fine-Tuned Large Language Models: A Hands-On Guide	Jackson Hall 116	Jesse Kayenpono Han-Naa Murah	Backend Engineer, CogniX	jkhnmurah@gmail.com	NA		
Break											
	Track	Level	Description	Room	Name of Speaker/ Facilitator	Organization/Role	Email	Co-Facilitator	Role	Email	
11:25 - 12:25	Tutorial -Teaching	Python Programming and Machine Learning Track	Foundational	Intro to Python	Nutor Hall 115	Eugene Tettey Ayerkain	Data Science Instructor, Blossom Academy	ugeneayerkain@gmail.com	Rahmat Akintola	Technical Support Mentor, MEST Africa	
			Specialisation	Introduction to Pytorch and libraries for deep learning	Jackson Hall 115	Joshua Otis	Freelancer	joshuaotis41@gmail.com	NA		akintolarahmah@gmail.com
		Generative AI, Responsible and Ethical AI Track	Foundational	NLP Fundamentals: Handling Textual Data and Word Embeddings	Nutor Hall 216	Alex Quao	Quantitative Modeller, Korbly Limited	lxquao@gmail.com	Adobea Essien	Dealer Operations Analyst, Autochek Africa	reginaessien83@gmail.com
			Specialisation	Empowering Conversational AI with Fine-Tuned Large Language Models: A Hands-On Guide	Jackson Hall 116	Jesse Kayenpono Han-Naa Murah	Backend Engineer, CogniX	jkhnmurah@gmail.com	NA		
Lunch Break											
Poster Presentations											
	Track	Level	Description	Room	Name of Speaker/ Facilitator	Organization/Role	Email	Co-Facilitator	Role	Email	
12:25 - 13:55 13:55 - 14:55	Tutorial - Exercise	Python Programming and Machine Learning Track	Foundational	Intro to Python	Nutor Hall 115	Eugene Tettey Ayerkain	Data Science Instructor, Blossom Academy	ugeneayerkain@gmail.com	Rahmat Akintola	Technical Support Mentor, MEST Africa	
			Specialisation	Introduction to Pytorch and libraries for deep learning	Jackson Hall 115	Joshua Otis	Freelancer	joshuaotis41@gmail.com	NA		akintolarahmah@gmail.com
		Generative AI, Responsible and Ethical AI Track	Foundational	NLP Fundamentals: Handling Textual Data and Word Embeddings	Nutor Hall 216	Alex Quao	Quantitative Modeller, Korbly Limited	lxquao@gmail.com	Adobea Essien	Dealer Operations Analyst, Autochek Africa	reginaessien83@gmail.com
			Specialisation	Empowering Conversational AI with Fine-Tuned Large Language Models: A Hands-On Guide	Jackson Hall 116	Jesse Kayenpono Han-Naa Murah	Backend Engineer, CogniX	jkhnmurah@gmail.com	NA		

Ethical AI Track		Specialisation	Empowering Conversational AI with Fine-Tuned Large Language Models: A Hands-On Guide	Jackson Hall 116	Jesse Kayenpono Han-Naa Murah	Backend Engineer, CogniX	jkhnmurah@gmail.com	NA			
15:55 - 16:00											
Topic				Room	Switch Rooms		Speakers	Organizer Email			
AI Sandbox Exercises and Policy Models/Tools for Developing Responsible and Ethical AI Solutions in Economic Policymaking in Africa				King Building classrooms (Electronic Engineering Lab)	Blaise Bayuo		Blaise Bayuo	blaisebay@gmail.com			
				Understanding Multimodal Language Modeling: Fusing Vision into Language		Jackson Hall 116	Nana Sam Yeboah, Solomon Eshun, Mohammed Nurudeen Alhassan, Osman Tanko, Donald Kwame Asiedu		Nana Sam Yeboah, Solomon Eshun, Mohammed Nurudeen Alhassan, Osman Tanko, Donald Kwame Asiedu	uthmant14@gmail.com	
				Making Sense of Data: A Beginner's Guide to Statistical Inference with Python		Nutor Hall 115	Isaac Jim Awuah, David Ampofo Quarcoo		Elvis Kwabena Asare Nkrumah, Wonder Komla Bediako	elvinkrumah10@gmail.com	
				Practical Computer Vision for Product Development		Nutor Hall 216	Ebunoluwa Adebajo, Ruqaiya Shuaibu		Ebunoluwa Adebajo, Ruqaiya Shuaibu	ebunade75@gmail.com	
				Conversational AI Made Simple: Developing Intelligent Chatbots with Python, Hugging Face, and Streamlit		Jackson Hall 115	Jeremy Acquah, Enapa Asamoah		Jeremy Acquah, Enapa Asamoah	acquahjeremy01@gmail.com	
Advancing Technical Readiness for Tuberculosis Data Verification on the Global Digital Health Certification Network in Ghana: Proof of Concept				King Building classrooms (Science Lab)	Monica Amponsa, Gideon Sarpong		Nyamekye Ben Atkins	Monica Amponsa, Gideon Sarpong Nyamekye Ben Atkins	monica.amponsah@giz.de		
16:00 - 18:30											
Workshops											

Conference Day 3: 20th June, 2025											
Time	Activity				Details						
08:00 - 09:00	Registration Desk Opens + Mentorship										
09:00 - 09:10	Opening Remarks										
09:10 - 09:50	Keynote Address				Ing.Patricia Obo-Nai						
				From Skills to Impact: Empowering Ghana's Data Science Revolution							
	Track	Level	Description	Room	Name of Speaker/ Facilitator	Organization/Role	Email	Co-Facilitator	Role	Email	
09:50 - 10:50	Tutorial -Teaching	Foundational	Introduction to models for Regression and Classification	Nutor Hall 115	Precious Darkwa	Data Scientist	Preciousdarkwa1@gmail.com	Gertrude Abagale		gertrude.kaneah.abagale@gmail.com	
		Python Programming and Machine Learning Track	Specialisation	Building Deep Generative Models for Medical Image Synthesis	Jackson Hall 115	Joshua Tetey	Research Assistant, Kumasi Center for Collaborative Research in Tropical Medicine	joshuatetey049@gmail.com	Erica Akanko		ekankol5@gmail.com
		Generative AI, Responsible and Ethical AI Track	Foundational	Foundational NLP: Pretraining and Key Concepts	Nutor Hall 216	Nana Kwame		felix.akwerh@knust.edu.gh	Adwoa Bremang	Research Support Staff, Ashesi University	adwoabremang@gmail.com
			Specialisation	Designing Fair Machine Learning Algorithms	Jackson Hall 116	Angel Gabriel Addaamabik		adaambikgabz45@gmail.com	Deborah D Kanubala	PhD Student, Saarland University	dkanubala@aimsammi.org
10:50 - 11:00											
	Track	Level	Description	Room	Name of Speaker/ Facilitator	Organization/Role	Email	Co-Facilitator	Role	Email	
11:00 - 12:00	Tutorial - Teaching	Foundational	Introduction to models for Regression and Classification	Nutor Hall 115	Precious Darkwa	Data Scientist	Preciousdarkwa1@gmail.com	Gertrude Abagale		gertrude.kaneah.abagale@gmail.com	
		Python Programming and Machine Learning Track	Specialisation	Building Deep Generative Models for Medical Image Synthesis	Jackson Hall 115	Joshua Tetey	Research Assistant, Kumasi Center for Collaborative Research in Tropical Medicine	joshuatetey049@gmail.com	Erica Akanko		ekankol5@gmail.com
		Generative AI, Responsible and Ethical AI Track	Foundational	Foundational NLP: Pretraining and Key Concepts	Nutor Hall 216	Nana Kwame		felix.akwerh@knust.edu.gh	Adwoa Bremang	Research Support Staff, Ashesi University	adwoabremang@gmail.com
			Specialisation	Designing Fair Machine Learning Algorithms	Jackson Hall 116	Angel Gabriel Addaamabik		adaambikgabz45@gmail.com	Deborah D Kanubala	PhD Student, Saarland University	dkanubala@aimsammi.org
12:00 - 13:30											
	Track	Level	Description	Room	Name of Speaker/ Facilitator	Organization/Role	Email	Co-Facilitator	Role	Email	
13:30 - 14:30	Tutorial - Hands On	Foundational	Introduction to models for Regression and Classification	Nutor Hall 115	Precious Darkwa	Data Scientist	Preciousdarkwa1@gmail.com	Gertrude Abagale		gertrude.kaneah.abagale@gmail.com	
		Python Programming and Machine Learning Track	Specialisation	Building Deep Generative Models for Medical Image Synthesis	Jackson Hall 115	Joshua Tetey	Research Assistant, Kumasi Center for Collaborative Research in Tropical Medicine	joshuatetey049@gmail.com	Erica Akanko	Master's Student (Computer Science) University of Ghana	ekankol5@gmail.com
		Generative AI, Responsible and Ethical AI Track	Foundational	Foundational NLP: Pretraining and Key Concepts	Nutor Hall 216	Nana Kwame		felix.akwerh@knust.edu.gh	Adwoa Bremang	Research Support Staff, Ashesi University	adwoabremang@gmail.com
			Specialisation	Designing Fair Machine Learning Algorithms	Jackson Hall 116	Angel Gabriel Addaamabik		adaambikgabz45@gmail.com	Deborah D Kanubala	PhD Student, Saarland University	dkanubala@aimsammi.org
14:30 - 14:40	Break										
14:40 - 15:05	Sponsor Talk		Maverick Research			Speaker Unknown					
15:05 - 15:15	Sponsor Talk		MTN Ghana			Hester Yaaba Andoh					
15:15 - 15:25	Sponsor Talk		Ashesi Graduate Admissions			Jacob Dodoa					
15:25 - 15:40						Award Presentation					
15:40 - 16:00						Closing Remarks					
16:00 - 00:00						Closing Party					