NEMISA NPC

National Electronic Media Institute of South Africa

DATA SCIENCE HACKATHON

26-28 FEBRUARY 2021

GEEKULCHA/> FSEI UNISA university of south africa INNOVATE DURBAN openup: MDiHub CORTEX HUB

DAY 1: 26 FEBRUARY 2021 | Programme Director: **Prof Hossana Twinomurinzi**

Start	End	Room: Hackathon Super Host
8:00	9:00	Hackathon Team Registration / Checkins
9:00	9:10	Introduction to Data Science Hackathon | Administrative Matters (House Rules) - Superhost
9:15	9:45	Opening and Welcome - NEMISA Chair of the Board **Ms Molebogeng Leshabane**
9:45	10:00	Official Opening: **Hon Stella Ndabeni-Abrahams** (Minister DCDT)

MASTER CLASSES

10:00	11:00	Story telling using data - **Adi Eyal** | OpenUp.org
11:00	11:15	Short break
11:15	13:15	A 2-hour Crash Course in Data Science using Python - **Mrs T Bokaba, Prof A Ade-Ibijola & Dr K Aruleba** | University of Johannesburg
13:15	13:30	Short break
13:30	14:00	Keynote: Open Data, Open Government and Inclusive Development - **Dr Paul Plantinga** | HSRC
14:00	**14:30**	**Lunch**
14:30	16:30	Design Thinking - **Mr Sandile Mahlaba** | GoDigitalSA Foundation
16:30	17:00	Design Thinking Competition
17:00	6:00	Overnight hacking & mentoring

DAY 2: 27 FEBRUARY 2021 | Programme Director / Facilitator:

Start	End	Room: Hackathon Super Host
9:00	9:05	
9:05	9:35	Hackathon Team Registration / Checkins
9:35	9:45	Data Hackathon (Mentors assisting)
9:45	11:00	Getting Started with Microsoft Cognitive Services: **Lebogang Madise** | Microsoft **Session Requirements**: Microsoft Azure Subscription (create one for free)
11:30	12:00	Data Hackathon (Mentors assisting)
12:00	12:30	
12:30	13:00	
13:00	**13:30**	**Lunch**
13:30	14:30	Hacking and mentoring
14:30	15:00	
15:00	15:30	
15:30	16:00	
16:00	17:00	
17:00	6:00	Overnight hacking & mentoring

DAY 3: 28 FEBRUARY 2021 | Data Science Hackathon | Programme Director / Facilitator:

Start	End	Room: Hackathon Super Host
09:00	09:20	Hackathon Team Registration / Checkins
09:20	12:30	Finalising solutions, presentations and upload (Google Drive or other)
12:30	14:00	Data Science Hackathon presentations and Winner Announcement
14:00	14:30	Provincial Winner Announcement
14:30	16:00	Ultimate Winner Session and Prize-giving ceremony
16:00	16:30	Closure : **Minister Stella Ndabeni-Abrahams**