



**NEMISA** NPC  
National Electronic Media Institute of South Africa

# DATA SCIENCE HACKATHON

26-28 FEBRUARY 2021

GEEKULCHA />



UNISA | university of south africa



openup:



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 <b>Ms Molebogeng Leshabane</b>
9:45	10:00	Official Opening: <b>Hon Stella Ndabeni-Abrahams</b> (Minister DCDT)

### MASTER CLASSES

10:00	11:00	Story telling using data - <b>Adi Eyal</b>   OpenUp.org
11:00	11:15	Short break
11:15	13:15	A 2-hour Crash Course in Data Science using Python - <b>Mrs T Bokaba, Prof A Ade-Ibijola &amp; Dr K Aruleba</b>   University of Johannesburg
13:15	13:30	Short break
13:30	14:00	Keynote: Open Data, Open Government and Inclusive Development - <b>Dr Paul Plantinga</b>   HSRC
<b>14:00</b>	<b>14:30</b>	<b>Lunch</b>
14:30	16:30	Design Thinking - <b>Mr Sandile Mahlaba</b>   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	
9:45	11:00	
11:30	12:00	Data Hackathon (Mentors assisting)
12:00	12:30	
12:30	13:00	
<b>13:00</b>	<b>13:30</b>	<b>Lunch</b>
13:30	14:30	
14:30	15:00	
15:00	15:30	Hacking and mentoring
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
9:00	9:20	Hackathon Team Registration / Checkins
9:20	12:30	Finalising solutions and presentations
12:30	13:00	Team upload solutions and presentation (Google Drive or other)
13:00	14:30	Data Science Hackathon presentations
15:00	15:30	Prize-giving ceremony
15:30	16:00	Closure: <b>Minister Stella Ndabeni A brahams</b>

**DAY 4: 11 MARCH 2021** Data Science Hackathon overall winner solution deciding session: **Members of NEMISA PAAC or Board**

9:00	11:00	Review of winner presentations (Videos)
11:00	13:00	Panel Questions
14:00	15:00	Prize-giving ceremony
15:30	16:00	Closure (NEMISA Board Chair <b>Ms Molebogeng Leshabane</b> )