



NEMISA DIGITAL SKILLS DATATHON

19-21 NOVEMBER 2021

Democratizing Data Science and the Future
of Work



15 NOVEMBER 2021: DATATHON BUILDUP - DATA SCIENCE MASTER CLASSES

Start	End	Room: Datathon Super Host
15:50	16:00	Introduction and Welcome
16:00	17:00	Understanding Business Requirement (Design Thinking) - Tebogo Chaka
17:00	18:00	Ethics in Artificial Intelligence - Kerry Gammie
18:00	18:15	Questions and Answers

16-18 NOVEMBER 2021: MASTER CLASSES

15:50	16:00	Introduction and Welcome	Introduction and Welcome	Introduction and Welcome	Introduction and Welcome
16:00	18:00	Data Science using R - Dr Lateef Amusa (UJ) and Ms Sibukele Gumbo (WSU)	Data Science using Python - Prof Abejide Ade-Ibijola (UJ)	WEKA - Tebogo Bokaba and Opeoluwa Iwashokun (UJ)	PowerBI - Michael Johnson (Microsoft)
18:00	18:15	Questions and Answers	Questions and Answers	Questions and Answers	Questions and Answers

DAY 1: 19 NOVEMBER 2021 PROGRAMME DIRECTOR:

Start	End	Room: Datathon Super Host
8:00	9:00	Datathon Team Registration / Checkins
9:00	9:10	Introduction to Data Science Datathon Administrative Matters (House Rules) - Superhost
9:15	9:30	Opening and Welcome - NEMISA Chair of the Board Ms Molebogeng Leshabane
9:30	10:15	Official Datathon Launch - Deputy Minister of Communications and Digital Technologies, Mr Philly Mapulane
10:15	10:30	Introduction of Host (CUT, NEMISA and MIDHUB) - Superhost
Hackathon Starts		
10:30	17:00	Datathon (Mentors assisting)
17:00	06:00	Overnight hacking & mentoring

DAY 2: 20 NOVEMBER 2021 PROGRAMME DIRECTOR / FACILITATOR:

Start	End	Room: Datathon Super Host
07:00	08:00	Aerobics Class - Sibongile Ngubane
09:00	09:05	Datathon Team Registration / Checkins
10:15	11:00	Dr Izabeth Conradie - i-GYM
09:05	13:00	Datathon (Mentors assisting)
13:00	13:30	Lunch
13:30	17:00	Datathon (Mentors assisting)
17:00	06:00	Overnight hacking & mentoring

DAY 3: 21 NOVEMBER 2021 PROGRAMME DIRECTOR / FACILITATOR:

Start	End	Room: Datathon Super Host
09:00	09:20	Datathon Team Registration / Checkins
09:20	12:30	Finalising solutions and presentations (Uploads on Google Drive)
12:30	14:00	Data Science Datathon presentations
14:00	14:30	Prize-giving ceremony
Session 2: Data Science Datathon overall winner solution deciding session		
14:30	15:30	Winner presentations and panel questions
15:30	16:00	Ultimate winner announcement
16:00	16:30	Closure (NEMISA Board Chair)