

Data Analysis Training

Workshop Programme

Venue: Grand Palm Hotel

Dates: 16-20 May 2022

Date and Time	Activity	Responsible person
Day 1: Monday 16 May 2022		
08:00 - 08:30	Registration	Dr Alec Bishi/Ms O. Kebakile
08:30 - 08:40	Prayer and introductions	
08:40 - 09:00	Opening Ceremony <ul style="list-style-type: none"> Opening remarks by the Director of Veterinary Services (Dr O. Oarabile) 	
09:00 - 09:30	Group Photo & Coffee Break	Ms. O. Kebakile
9:30 - 10:00	Data analysis and R introduction	Facilitator
10:00 - 13:00	Installation of workshop programs, GitHub account access and links; Data sets - use in workshop	Facilitator
13:00 - 14:00	Lunch Break	
14:00 - 16:00	Theme 1: Introduction - R; Vectors, Matrixes, Factors, Lists, Dataframes, Functions	Facilitator
16:00 - 16:45	Theme 1: Intro - R continued - apply functions	Facilitator
16:45 -	Coffee Break	
End of Day 1		
Day 2: Tuesday 17 May 2022		
08:00 - 08:30	Previous day recap	Facilitator
08:30 - 09:30	Own implementation - Basics	All
09:30 - 10:10	Theme 2: Basic statistics in R	Facilitator
10:10 - 10:30	Coffee Break	
10:30 - 13:00am	Theme 2: Basic statistics in R continued	Facilitator
13:00 - 14:00	Lunch Break	
14:00 - 15:00	Own implementation - Basic statistics	All
15:00 - 16:45	Theme 3: Measures of Frequency	Facilitator
16:45 -	Coffee Break	
End of Day 2		
Day 3: Wednesday 18 May 2022		
08:00 - 10:10	Theme 3: Measures of Frequency continued	Facilitator
10:10 - 10:30am	Coffee Break	
10:30 - 13:00	Own implementation: Measures of frequency	All

Date and Time	Activity	Responsible person
13:00 - 14:00 Lunch Break		
14:00 - 16:45	Theme 4: Measures of Association	Facilitator
16:45 – Coffee Break		
End of Day 3		
Day 4: Thursday 19 May 2022		
08:00 - 10:10	Theme 4: Measures of Association continued	Facilitator
09:00 - 10:10	Own implementation: Measures of association	All
10:10 - 10:30am Coffee Break		
10:30 - 13:00	Theme 5: Spatial analysis	Facilitator
13:00 - 14:00 Lunch Break		
14:00 - 16:45	Theme 5: Spatial analysis continued	Facilitator
16:45 – Coffee Break		
End of Day 4		
Day 5: Friday 20 May 2022		
08:00 - 10:00	Own implementation: Spatial analysis	All
10:00 - 10:30am Coffee Break		
10:30 - 11:15	Theme 6: Reporting in R - RMarkdown	Facilitator
11:15 - 13:00	Own implementation: RMarkdown	All
13:00 - 14:00 Lunch Break		
14:00 - 15:30	Theme 7: Diagnostic test evaluation	Facilitator
15:30 - 16:45	Own implementation: Diagnostic test analysis	All
16:00 - 16:45	Workshop wrap up	All
16:45 – Coffee Break		
End of Day 5 (Close)		