

Day	Weekday	Date	Subject/topic	Facilitators	Type of activity	Time	Duration	Mode of delivery
1	Monday	10-Nov	Registration	WN	Registration	08:00-08:55	55 minutes	Reception
			Welcome, introductions, keynote speeches, group photo & Quick overview &	IB, JT, WS	Facilitators and participants	09:00-10:15	75 minutes	Classroom/Zoom session
			Pre-survey	LS	Online survey	10:15-10:20	5 minutes	Participants
			Data preparations	LS	Lecture 1	10:20-11:00	40 minutes	Classroom session
			Documentation, vocabulary & cataloguing	JT, DA	Lecture 2			
			Tea	All	Teas & Coffees	11:00-11:30	30 minutes	Short break
			Statistics data linkages using deterministic and probabilistic approaches	FM & JT	Lecture 3	11:30-12:00	30 minutes	Classroom session
			Practical & interactive discussion	JT, LS, FM	Data linkages	12:00-13:00	1h	Group session
			Lunch	All	Lunch	13:00-14:00	1h	Long break
			Data Linkage using ML	TB	Lecture 4	14:00-15:00	1h	Zoom session
			Practical & interactive discussion Note: Laptops to have enough capacity (min 16 GB RAM) & i7	FM, LS, JT	Data linkages	15:00-16:00	1h	Group session
			Tea	All	Teas & Coffees	16:00-16:30	30 minutes	In-between tea
			Summary and Q&A session	LS, FM, JT	Summary and Q&A	16:30-16:45	15 minutes	Classroom session
			Post-survey	LS	Online survey	16:45-16:50	5 minutes	Participants
2	Tuesday	11-Nov	Pre-survey	SK	Online survey	09:00-09:05	5 minutes	Participants
			Introduction to survival analysis	SK	Lecture 1	09:05-09:45	30 minutes	Classroom session

			Non-parametric survival methods	WS	Lecture 2	09:45-10:15	30 minutes	Classroom session
			Proportional hazard modelling	IM	Lecture 3	10:15-11:00	45 minutes	Classroom session
			Tea	All	Teas & Coffees	11:00-11:30	30 minutes	Short break
			Introduction to competing risks analysis and ML for survival	JN	Lecture 4	11:30-13:00	90 minutes	Classroom session
			Lunch	All	Lunch	12:30-13:30	1h	Long break
			Practical & interactive discussion	SK, WS, JN, IM	Survival analysis	13:30-16:00	2.30h	Group session
			Tea	All	Teas & Coffees	16:00-16:30	30 minutes	In-between tea
			Summary and Q&A	JN, WS, JN, IM	Summary and Q&A	16:30-16:45	15 minutes	Classroom session
			Post-survey	SK	Online survey	16:45-16:50	5 minutes	Classroom session
3	Wednesday	12-Nov	Extended Networking Event	All				Malaika hotel
4	Thursday	13-Nov	Pre-survey	NM	Online survey	09:00-09:05	5 minutes	Participants
			Missing data mechanisms	NM	Lecture 1	09:05-09:40	35 minutes	Classroom session
			Multiple imputation theory	PA	Lecture 2	09:40-10:15	45 minutes	Classroom session
			MI by fully conditional specification approach	ENN	Lecture 3	10:15-11:00	45 minutes	Classroom session
			Tea	All	Teas & Coffees	11:00-11:30	30 minutes	Short break
			Building the imputation model and compatibility problems	ENN	Lecture 4	11:30-13:00	90 minutes	Classroom session
			Lunch	All	Lunch	13:00-14:00	1h	Long break
			Practical & interactive discussion	NM, ENN & PA	Missing data & MI	14:00-16:00	2 h	Group session

			Tea	All	Teas & Coffees	16:00-16:30	30 minutes	In-between tea
			Summary and Q&A	NM, ENN & PA	Summary and Q&A	16:30-16:45	15 minutes	Classroom session
			Post-survey	NM	Online survey	16:45-16:50	5 minutes	Participants
			Dinner	All	Dinner	18:00-22:00		TBD
5	Friday	14-Nov	Pre-survey	JM	Online survey	09:00-09:05	5 minutes	Participants
			Introduction to joint modelling	JM	Lecture 1	09:05-09:35	30 minutes	Classroom session
			Different parameterisations of joint models and examples	ENN	Lecture 2	09:35-11:00	85 minutes	Classroom session
			Tea	All	Teas & Coffees	11:00-11:30	30 minutes	Short break
			Practical & interactive discussion	JM, ENN	Joint modelling application	11:30-12:40	70 minutes	Group session
			Summary and Q&A	ENN, JM	Summary and Q&A	12:40-12:55	15 minutes	Classroom session
			Post-survey	JM	Online survey	12:55-13:00	5 minutes	Participants
			Lunch	All	Lunch	13:00-14:00	1h	Long break
			Data group presentations & research questions	WN + OJ + All	Data group presentations	14:00-15:00	1h	Group session
			Tea	All	Teas & Coffees	15:00-15:30	30 minutes	In-between tea
			Feedback & Certificates & group photo	WS	Closing ceremony	15:30-16:00	30 minutes	Closing remarks

Facilitators: Ola Jahanpour (**OJ**), Witness Nyamuhuma (**WN**), Innocent Mboya (**IB**), Leah Sanga (**LS**), David Amadi (**DA**), Jim Todd (**JT**), Frank Mapendo (**FM**), Tathagata Bhattacharjee (**TB**), Sophia Kagoye (**SK**), Wende Safari (**WS**), Justine Nasejje (**JN**), Neema Mosha (**NM**), Edmund Njeru Njagi (**ENN**), Philip Ayieko (**PA**). Bold text in practical sessions signals the facilitator is introducing or summarising the activity.