Day 1
Inferential Statistics with R

8, December 2021
9am – 4pm

9.15am – 10.0am	**Introduction & Setup** Introduction of trainer and participants Ensure all laptops has functional RStudio Ensure all laptops are connected to the internet	45 mins	All
10.00am – 10.30am	**Motivation and Creating Datasets**	30 mins	Abiola
10.30am – 11.00am	**Conceptualization, Method, Theory and Concepts**	30 mins	Abiola
11.00am – 11.45pm	**Quiz: P-value, Z scores and T-test (1)**	45 mins	Abiola
11.45 am – 12.20pm	**Introduction to Data Wrangling with (Base R)**	35 mins	Abiola
12.20 am – 1.00pm	**LUNCH BREAK**	40 mins	Abiola
1.00am – 2.30pm	**Inferential Stats with R (1)** Descriptive Stats Z Scores T-test P-value Hypothesis Testing	90 mins	Abiola
2.30pm –3.30pm	**Inferential Stats with R (2)** OLS Assumptions Correlation Matrix Chi-square	60 mins	Abiola
3.30pm – 3.40pm	**BREAK**	10 mins	Abiola

3.40pm – 4.30pm	**Inferential Stats with R (3)** Simple and Multiple Regression Binomial Regression Post treatment bias & multicollinearity Introduction to GGplot Dummy Variables & Interaction Effect with R	50 mins	Abiola
4.30pm – 4.40pm	**Questions & Closing:**	10 mins	Abiola

Additional Instruction:

Use this section for additional instructions, comments, or directions.