



NTHRYS WORKSHOPS

Practical Techniques In R Programming

8:45 AM - 10:15 AM: Session 1: Introduction to R Programming

Overview of R programming and its applications.
Basics of R syntax and data structures.
Case studies on R programming in various fields.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Data Manipulation with dplyr

Techniques for data manipulation using dplyr.
Practical session on data wrangling and transformation.
Discussion on best practices for data manipulation.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Visualization with ggplot2

Introduction to data visualization with ggplot2.

Practical demonstration of creating various plots.
Case studies on effective data visualization.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies and Applications

Review of significant case studies in R programming.
Applications in bioinformatics, finance, and social sciences.
Future trends and research directions.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes