Advanced Techniques In R Programming

8:45 AM - 10:15 AM: Session 1: Advanced Data Analysis

Advanced techniques for data analysis in R.
Practical session on statistical modeling and hypothesis testing.
Troubleshooting and optimizing data analysis workflows.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Machine Learning with R

Overview of machine learning techniques in R.
Practical session on implementing machine learning models.
Case studies on machine learning applications.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Shiny for Interactive Web Applications

Using Shiny to create interactive web applications.

Practical session on building and deploying Shiny apps.
Case studies on Shiny applications in research and industry.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biotechnology in R Programming

Strategies for integrating biotechnology in R programming.
Case studies on biotechnological applications.
Future trends and challenges in the field.

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