R Programming In Bioinformatics

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

Introduction to bioinformatics data analysis with R.
Case studies on analyzing genomic and proteomic data.
Practical session on bioinformatics workflows.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Genomic Data Visualization

Techniques for visualizing genomic data in R.
Case studies on genomic data visualization.
Practical session on creating genomic plots.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Statistical Genomics

Using statistical methods in genomics.

Case studies on statistical genomics.
Practical session on genomic data analysis.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Challenges in Bioinformatics

Discussion on future challenges and opportunities in R programming for bioinformatics.
Strategies for addressing these challenges.
Networking session for collaborative solutions.

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