Teaching

Courses, workshops, and educational materials

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1 Current Courses

1.1 Statistical Computing (Graduate Level)

- R programming for statistics
- Reproducible research methods
- Advanced data visualization
- Statistical software development

1.2 Biostatistics Methods

- Clinical trial design
- Survival analysis
- Longitudinal data analysis
- Bayesian statistics applications

2 Workshops and Training

2.1 Professional Development

- R package development workshops
- Reproducible research training
- Statistical consulting methodology
- Academic writing for statisticians

2.2 Conference Presentations

- Invited talks on statistical methods
- Software demonstrations
- Methodology tutorials
- Best practices sessions

3 Educational Resources

3.1 Course Materials

- Lecture slides and notes
- Lab exercises and solutions
- Assignment templates
- Assessment rubrics

3.2 Open Educational Content

- Online tutorials and guides
- Video lectures and demonstrations
- Interactive learning materials
- Student project examples

This section will feature detailed course descriptions, syllabi, teaching materials, and educational resources developed for statistics and data science instruction.