IOC R Training Information

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Welcome to the IOC R Training! This page contains all the essential details for the training. Please bookmark this page for quick access.

Calendar

French Group

- Starts from: Wednesday, 8th January 2025

- Time slots: **Wednesdays 9:30 am − 12:00 pm**

- Location: Online (Zoom link will be shared prior to the session by email)

- Provisional Schedule:

Week	Session	Date	Time
Week 1	Kickstart with R: Your Gateway to Data Science	8th January	9:30 am − 12:00 pm
Week 2	Data Foundations: Vectors and Matrices	15th January	9:30 am − 12:00 pm
Week 3	More Complex Data Structures: Lists and Data Frames	22nd January	9:30 am − 12:00 pm
Week 4	Building Logic: Operators, Conditions, and Functions	29th January	9:30 am − 12:00 pm

Week	Session	Date	Time
Week 5	Graphing with {ggplot2}	5th February	9:30 am – 12:00 pm
Week 6	R-fresh: Revisiting the Essentials	12th February	9:30 am – 12:00 pm
Week 7	Smart Shortcuts: Mastering the apply Family	5th March	9:30 am – 12:00 pm
Week 8	Tidy Your Data: Exploring {tidyr} and {dplyr}	12th March	9:30 am – 12:00 pm
Week 9	String Tricks & Final Review	19nd March	9:30 am – 12:00 pm
Week 10	Your project presentation	TBD	TBD

English Group

- Starts from: Monday, 13th January 2025

- Time slots: **Mondays 9:30 am – 12:00 pm**

- Location: Online (Zoom link will be shared prior to the session by email)

- Provisional Schedule:

Week	Session	Date	Time
Week 1	Kickstart with R: Your Gateway to Data Science	13th January	9:30 am – 12:00 pm
Week 2	Data Foundations: Vectors and Matrices	20th January	9:30 am – 12:00 pm
Week 3	More Complex Data Structures: Lists and Data Frames	27th January	9:30 am – 12:00 pm
Week 4	Building Logic: Operators, Conditions, and Functions	3rd February	9:30 am – 12:00 pm
Week 5	Graphing with {ggplot2}	10th February	9:30 am – 12:00 pm

Week	Session	Date	Time
Week 6	R-fresh: Revisiting the Essentials	3rd March	9:30 am – 12:00 pm
Week 7	Smart Shortcuts: Mastering the `apply` Family	10th March	9:30 am – 12:00 pm
Week 8	Tidy Your Data: Exploring {`tidyr`} and {`dplyr`}	17th March	9:30 am – 12:00 pm
Week 9	String Tricks & Final Review	24nd March	9:30 am – 12:00 pm
Week 10	Your project presentation	TBD	TBD

Recommended Readings

- R for Data Science by Hadley Wickham
- Hands-On Programming with R by Garrett Grolemund
- ggplot2: Elegant Graphics for Data Analysis by Hadley Wickham
- YaRrr! The Pirate's Guide to R by Nathaniel D. Phillips
- CRAN R Documentation