

# Introduction to R

## Course Program

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## Tuesday, 7th July, 2015

Session	Topic	Materials
Morning I	Why R?  First Steps with R	 <code>Introductory_Slides.pdf</code>  <code>1_Basics.R</code>

Tea/Coffee/Stretch

Morning II	First Steps with R	<code>1_Basics.R</code>
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Lunch Break

Afternoon I	Graphics with ‘ggplot2’	<code>2_Graphics_with_ggplot2.R</code>
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Tea/Coffee/Stretch

Afternoon II	Exploring your data with ‘ggplot2’	Please bring some data (we can also find you some online if you’d prefer)
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### Optional Homework

Please read the following two short posts:

<http://stackoverflow.com/questions/1408450/why-should-i-use-version-control> &

<http://stackoverflow.com/questions/2712421/r-and-version-control-for-the-solo-data-analyst>

## Wednesday, 8th July, 2015

Session	Topic	Materials
Morning I	Linear Modelling	<code>3_Linear_Modelling.R</code>

Tea/Coffee/Stretch

Morning II	Programming in R	<code>4_Programming.R</code>
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Lunch Break

Afternoon I	Continue Programming in R	<code>4_Programming.R</code>
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Tea/Coffee/Stretch

Afternoon II	Collaboration & Version Control with Git & GitHub	<code>VC_with_GitHub.pdf</code>
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## Thursday, 9th July, 2015

Session	Topic	Materials
Morning I	Collaborative Exercise	Capstone_Collaborative_Exercise.pdf <a href="http://dx.doi.org/10.5061/dryad.r36n0">http://dx.doi.org/10.5061/dryad.r36n0</a>

Tea/Coffee/Stretch

Morning II	Groups Present their Solutions to Collaborative Exercise	
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End of Course