

Monday 3rd July		
Time	Session	Speakers
09:00-10:00	Opening Keynote	Lorna Hughes
10:00-10:30	Refreshment break	
10:30-12:00	Introduction to Applied Data Analysis * Presentation of the strand, objectives and schedule * Introductions * Example of a data analysis application * Setting up systems	Matteo Romanello Nilo Pedrazzini
12:00-13:30	Lunch	
13:30-15:30	Introduction to Pandas <ul style="list-style-type: none"> Data carpentry: from XML to dataframe 	Matteo Romanello Nilo Pedrazzini
15:30-16:00	Refreshment break	
16:00-17:00	Exercises and catching-up session Options (attendees may pick one from the below): *Catching-up: assistance is provided to clarify any issue from the previous classes or in setting-up your Python environment. * Exercises/project: exercises or mini-projects will be provided for practice. Alternatively, attendees can bring their own mini-project to the class and work on it, individually or with others.	Matteo Romanello
Tuesday 4th July		
Time	Session	Speakers
09:00-10:30	Introduction to Pandas	Matteo Romanello Nilo Pedrazzini

	<ul style="list-style-type: none"> Intro to Pandas: data types (series, dataframes); data loading; data access (indexing) 	
10:30-11:00	Refreshment break	
11:00-13:00	Tidy data (part I) Basic concepts of (proper/tidy) data modelling	Matteo Romanello Nilo Pedrazzini
13:00-14:30	Lunch	
14:30-15:30	Options (attendees may pick one from the below): * Catching-up: assistance is provided to clarify any issue from the previous classes or in setting-up your Python environment. * Exercises/project: exercises or mini-projects will be provided for practice. Alternatively, attendees can bring their own mini-project to the class and work on it, individually or with others. * Lectures at Text to Tech: attend the invited lectures given as part of the Text to Tech strand	Matteo Romanello Nilo Pedrazzini
15:30-16:00	Refreshment break	
16:00-17:00	Additional session - Speed Networking (OReilly Theatre) DHOxSS is a great place to meet other digital humanists, but sometimes it can be a bit daunting to just strike up a conversation. In this session we invite you to meet each other rapidly. You'll get just 2 minutes to meet another digital humanist before the bell goes and you meet another. This will be an enjoyable and efficient way to find others with similar interests, and to find out who to have longer conversations with throughout the week.	
Wednesday 5th July		

Time	Session	Speakers
09:00-10:30	Tidy data (part II) <ul style="list-style-type: none"> Manipulating data with Pandas Operations on tidy data frames: - set, union join - select, apply transform 	Matteo Romanello Nilo Pedrazzini
10:30-11:00	Refreshment break	
11:00-13:00	Tidy data (part II)	Matteo Romanello Nilo Pedrazzini
13:00-14:30	Lunch	
14:30-15:30	Options (attendees may pick one from the below): * Catching-up: assistance is provided to clarify any issue from the previous classes or in setting-up your Python environment. * Exercises/project: exercises or mini-projects will be provided for practice. Alternatively, attendees can bring their own mini-project to the class and work on it, individually or with others. * Lectures at Text to Tech: attend the invited lectures given as part of the Text to Tech strand	Matteo Romanello Nilo Pedrazzini
15:30-16:00	Refreshment break	
16:00-17:00	Additional lecture - Enhancing Collections Online	Sarah Joomun Caroline Moreau Helen Adams

Thursday 6th July

Time	Session	Speakers
09:00-10:30	Exploratory Data Analysis (part I) <ul style="list-style-type: none"> basic plotting descriptive statistics variation, distributions 	Matteo Romanello Nilo Pedrazzini
10:30-11:00	Refreshment break	
11:00-13:00	Exploratory Data Analysis (part II)	Matteo Romanello

	<ul style="list-style-type: none"> descriptive statistics and plotting with Pandas, matplotlib and seaborn data modelling: working with texts 	Nilo Pedrazzini
13:00-14:30	Lunch	
14:30-15:30	Excercises and catching-up session * catching-up * work on excercises/mini projects	Matteo Romanello Nilo Pedrazzini
15:30-16:00	Refreshment break	
16:00-17:00	Additional lecture - Shaping the UK-Ireland Digital Humanities Association	Orla Murphy Michael Donnay Kristen Schuster Paul Gooding Arianna Ciula

Friday 7th July

Time	Session	Speakers
09:00-10:30	Applied Data Analysis (part I) <ul style="list-style-type: none"> explorative data visualization * primer on good and bad data visualization practices 	Matteo Romanello Nilo Pedrazzini
10:30-11:00	Refreshment break	
11:00-13:00	Applied Data Analysis (part II) * (social) network analysis Talk Michele Pasin (Digital Science/Dimensions): Performing <i>Research Analytics at Scale: the Dimensions Reporting Platform</i>	Matteo Romanello Nilo Pedrazzini

13:00-14:30	Lunch	
14:30-15:30	Publishing datasets & communicating results + wrap-up <ul style="list-style-type: none"> • Communicating data analysis results • Best practices about publishing datasets, licensing issues, reproducibility, data repositories 	Matteo Romanello Nilo Pedrazzini
15:30-16:00	Refreshment break	
16:00-17:00	Closing keynote - Critical Technology Discourse – creating a space for a public reckoning with technology	Oonagh Murphy