Online Research Methods

Sage Campus courses enable students and early researchers to improve confidence in planning online research, collecting and analyzing online data and evaluating their online data sources and information. Learners will also develop their proficiency in collecting social media data and consider the ethical aspects of doing online research. Below you will find a selection of courses that can be recommended or assigned to learners who need support with strengthening their online research skills.

<table>
<thead>
<tr>
<th>What do you want to help your students with?</th>
<th>Sage Campus Courses</th>
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| Planning online research                    | › Gather Your Data Online  
|                                             | Module 1: What Types of Data Collection Can I Conduct Online?  
|                                             | Module 2: How do I Choose the Online Data Collection That Fits My Research?  
|                                             | Module 3: How Can I Find and Get Permission to Use Data That Exists Online?  
|                                             | Module 6: How Do I Prepare to Start My Online Research?  
|                                             | › Develop Your Search Strategy  
|                                             | Module 1: What Is a Search Strategy?  
|                                             | Module 2: Boolean Logic Searches  
|                                             | › Collecting Social Media Data  
|                                             | Module 2: Planning Your Data Collection  
|                                             | Module 5: Independent Twitter Project  
|                                             | › Research Design in Social Data Science  
|                                             | Module 1: What Is Social Data Science?  
|                                             | Module 2: How to Determine the Design Elements and Data Sources of a Research Project?  
|                                             | Module 5: What Is Ethical Social Data Science?  
|                                             | › Do Your Interviews  
|                                             | Module 6: Handling Information Overload  
| Collecting data online                      | › Gather Your Data Online  
|                                             | Module 1: What Types of Data Collection Can I Conduct Online?  
|                                             | Module 2: How do I Choose the Online Data Collection That Fits My Research?  
|                                             | Module 3: How Can I Find and Get Permission to Use Data That Exists Online?  

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Module 3: Getting the Data: Manual and Automated Approaches  
Module 5: Independent Twitter Project |
|                                             | Practical Data Management with R  
Module 4: Automated Data Collection |
|                                             | Research Design in Social Data Science  
Module 1: What Is Social Data Science?  
Module 2: How to Determine the Design Elements and Data Sources of a Research Project  
Module 5: What Is Ethical Social Data Science? |
|                                             | Do Your Interviews  
Module 1: The Pros and Cons of Using Interviews in Research |
| Analyzing online data                       | Develop Your Search Strategy  
Module 4: Managing and Analyzing Search Results |
|                                             | Introduction to Artificial Intelligence  
Module 2: AI in Research Methods |
|                                             | Cleaning Messy Data  
Module 1: Help! My Data Are Messy  
Module 2: Why Clean Messy Data?  
Module 3: How Can I Clean My Messy Data? |
|                                             | Introduction to R  
Module 1: What is R and Why Use It?  
Module 3: Everyday Data Management  
Module 4: Descriptive Statistics and Graphs  
Module 5: Summated Scales in R  
Module 6: Ordinary Least Squares Regression  
Module 7: Final Project  
Module 8: Big Data and R in brief |
|                                             | Practical Data Management with R  
Module 1: Introduction to R and RStudio  
Module 2: R Programming Fundamentals  
Module 3: Data Management  
Module 4: Automated Data Collection  
Module 5: Performance and Scalability |
|                                             | Introduction to Python  
Module 1: Getting Started with Python and Understanding the Basics  
Module 2: Data Types and Data Containers  
Module 3: Control Statements and Dealing with Files |
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<td>Module 4: Writing Scripts, Functions, Classes and Working in the Web</td>
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<td><strong>Intermediate Python Skills</strong> Module Four: Practical Application</td>
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<td><strong>Collecting Social Media Data</strong> Module 4: Getting Practical: Tools for Social Media Research</td>
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<td>Evaluating sources and information</td>
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