BLACKBIRD FOR TRAINING

Advanced Social Research Methodologies and Program Analytics

19 – 23 July 2027
Kuala Lumpur (Malaysia)

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PARTNER



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Advanced Social Research Methodologies and Program Analytics

Ref: 3254663_316863 **Date:** 19 – 23 July 2027 **Location:** Kuala Lumpur (Malaysia) **Fees:** 4900 GBP

Introduction

This course is designed for professionals aiming to master advanced techniques in social research and program analytics. Participants will explore cutting-edge methodologies of social research and tools to analyze social programs effectively. The course focuses on data-driven decision-making, program evaluation, and evidence-based policy development. Attendees will learn to design impactful studies, collect and analyze data, and interpret results for actionable insights. By the end of the course, participants will be equipped to lead research initiatives and enhance program outcomes with confidence and precision.

Whether you are a social science researcher, analyst, or program evaluator, this course will provide the skills and knowledge needed to tackle complex challenges in social research techniques and apply advanced program analytics.

Course Objectives

By the end of this course, participants will:

- Master Research Design: Learn how to design rigorous social research studies using qualitative and quantitative methods based on principles of social research methodology.
- Analyze Complex Data: Utilize advanced tools like SPSS, R, and Stata to process and interpret large datasets.
- Evaluate Social Programs: Gain skills in assessing the effectiveness of social programs through impact assessment and evaluation techniques.
- Implement Statistical Methods: Apply sophisticated statistical techniques such as regression analysis and multivariate analysis.
- Conduct Impact Assessments: Develop methodologies to measure and assess the social impact of programs.
- Use Program Analytics Tools: Explore software and technologies like NVivo, GIS, Tableau, and Power BI for advanced program data analysis.
- Enhance Data Interpretation: Learn how to translate complex data into actionable insights for program improvement.
- Improve Decision-Making: Use research findings to inform policy decisions and organizational strategies.
- Develop Evidence-Based Strategies: Create strategies grounded in data to improve program outcomes.
- Foster Ethical Research Practices: Understand ethical considerations in social research and analytics, ensuring responsible research practices.



Course Outlines

Day 1: Introduction to Advanced Social Research Methodologies

- Overview of social research methodologies and their evolution.
- Explore qualitative and quantitative research designs.
- Learn how to frame research questions and hypotheses.
- Understand the importance of sample design and data collection methods.
- Study differences between cross-sectional, longitudinal, and experimental designs.
- Examine various data collection methods such as surveys, interviews, and focus groups.
- Discuss challenges in research design and how to mitigate them.

Day 2: Advanced Data Analysis Techniques

- Introduction to advanced data analysis techniques.
- Learn regression analysis, multivariate analysis, and factor analysis.
- Understand big data applications in social research.
- Gain hands-on experience with statistical software like SPSS, R, or Stata.
- Discuss data cleaning, validation, and data integrity.
- Analyze sample data sets and interpret results for actionable insights.

Day 3: Program Evaluation Methods and Impact Assessment

- Introduction to program evaluation and its significance in social research.
- Study various evaluation models: formative, summative, and participatory evaluation.
- Learn about the logic model and design an effective evaluation framework.
- Understand outcome and impact assessment methodologies.
- Measure program effectiveness and identify key performance indicators KPIs.
- Explore pitfalls in program evaluation and methods to avoid them.
- Work on a case study applying program evaluation techniques.

Day 4: Use of Analytics Tools in Social Research

- Introduction to advanced analytics tools used in social research.
- Learn how to use NVivo for qualitative data analysis.
- Explore GIS Geographical Information Systems for spatial data analysis in social research.
- Study data visualization tools like Tableau and Power BI.
- Learn to present complex findings using clear visualizations.
- Understand the integration of machine learning and AI in social research analytics.



Day 5: Ethical Considerations and Communicating Research Findings

- Explore ethical issues such as participant consent and confidentiality.
- Understand the role of Institutional Review Boards IRBs in research approval.
- Discuss responsible data use and data manipulation risks.
- Learn how to communicate research findings to non-technical audiences.
- Study how to write research reports, policy briefs, and academic papers.
- Discuss dissemination strategies for sharing findings with stakeholders and the public.
- Create a final project plan applying the learned methodologies and analytics techniques.

Why Attend This Course: Wins & Losses!

- Master advanced research design and methodologies in social research, including qualitative and quantitative approaches.
- Learn complex data analysis techniques and gain proficiency with modern analytics tools like SPSS, R, NVivo, GIS, Tableau, and Power BI.
- Become proficient in evaluating social programs and measuring their effectiveness using program analytics.
- Gain practical experience with statistical methods and impact assessment techniques for evaluating programs and policies.
- Enhance your ability to communicate complex research results to diverse audiences, including stakeholders, policymakers, and the public.
- Develop expertise in using advanced program analytics tools to assess social program impact and outcomes.
- Acquire the skills to develop evidence-based strategies that improve program effectiveness and sustainability.
- Build confidence to lead and manage advanced social research projects with a focus on ethical research practices.
- Stay competitive by mastering cutting-edge research methodologies and analytics technologies in social science research.
- Sharpen decision-making skills by using data insights to influence policy and program outcomes.

Conclusion

Attending this course on Advanced Social Research Methodologies and Program Analytics provides a unique opportunity to gain in-depth knowledge and hands-on experience with modern research methodologies and tools. Whether you're looking to improve program evaluations, lead impactful research projects, or inform policy decisions, this course equips you with the necessary skills to make data-driven decisions that drive positive change.

The combination of advanced data analysis, program evaluation techniques, and ethical research practices ensures you'll be ready to tackle real-world challenges and lead in the evolving field of social research and program analytics.

