



Human-Artificial intelligence interaction: Crafting prompts through research practices

Training Title:

Human - Artificial Intelligence Interaction: Crafting Prompts through Research Practices

Training Provider Details:

- **Company Name:** RISOVENT LTD
- **Company Address:** White Building Studios, 1-4 Cumberland Place, Southampton, UK, SO15 2NP
- **Email:** contact@risovent.com
- [Click here to read more about the trainer.](#)

Detailed Description of the Training:

1. Training Summary

This training is designed to equip participants with quantitative research skills tailored explicitly for human-centered AI implementations. Participants will learn to use research methods to develop effective AI prompts that enhance user interactions with systems like ChatGPT, Co-pilot, Google Gemini, and similar platforms. Through informative sessions, mentorship, and practical exercises, participants will learn how to gather, analyze, and interpret survey data to improve the interaction between AI systems and human users.

2. Training Aim

As AI becomes increasingly embedded in our daily lives, it is crucial to ensure that interactions between humans and AI systems are as effective and positive as possible. This workshop is designed to equip participants with quantitative research skills to comprehensively analyze and understand user interactions with AI systems. Using quantitative insights, participants will learn to craft optimized AI prompts that significantly improve the human user experience.

3. Learning Outcomes

- **Understand User Needs:** To analyze and understand user needs and preferences for those interacting with AI systems, evaluating how various quantitative research methods can effectively gather survey data to inform AI prompt engineering.
- **Develop User-Centric AI Prompts:** To develop user-centric AI prompts by synthesizing survey data-driven insights and iteratively refining these prompts to maximize effectiveness based on user feedback.
- **Enhance AI System Interactions:** To utilize analytical insights from quantitative data to enhance the efficiency and effectiveness of interactions between users and AI systems, ensuring smoother and more productive user engagements.

4. Overview of the Training

- **Fundamentals of Quantitative Research**
 - Summary: This module block introduces the basics of quantitative research, focusing on methodologies applicable to human-centered AI. Participants learn to select the correct quantitative approach to effectively address project research questions pertinent to AI practices.
- **Data Quality and Its Impact on generating an AI prompt**
 - Summary: Explores the crucial role of data quality in AI outputs. Discusses how accuracy, reliability, and validity impact the performance of AI systems and teaches practices to ensure high-quality data collection.
- **Ethical Data Collection and Analysis**
 - Summary: Addresses ethical considerations in data collection and analysis, focusing on privacy, consent, transparency, and bias management.
- **Comprehensive Data Collection Techniques**
 - Summary: Provides an in-depth look at designing and implementing effective data collection tools tailored for crafting AI prompts. Covers survey and experimental design, digital survey data collection methods, and strategies to enhance data representativeness and engagement.
- **Statistical Analysis for Artificial intelligence prompts**
 - Summary: Introduces statistical tools and techniques essential for analyzing AI-relevant survey data. Participants will learn both basic and advanced statistics that aid in crafting AI prompts.
- **Interpreting survey data for artificial intelligence insights**
 - Summary: Focuses on interpreting quantitative survey data to derive insights that inform AI prompt development. Teaches methods to analyze user behavior and preferences, aiding in the customization of AI responses.

- **Visualizing survey data**
 - Summary: Teaches effective data visualization techniques to present complex data clearly and compellingly. Participants will learn to use various tools and software for creating dynamic and static visual representations.
- **Crafting and refining artificial intelligence prompts**
 - Summary: Covers the entire process of AI prompt engineering—from basic principles to advanced techniques for crafting, testing, and refining prompts based on empirical data.
- **Evaluating and enhancing artificial intelligence prompts**
 - Summary: Focuses on the deployment, monitoring, and continuous improvement of AI prompts in professional settings. Teaches strategies for evaluating prompt effectiveness and integrating user feedback to enhance AI interactions.

Pre-Contractual Information:

- **Business Name, Contact Details, and Address:** As provided above.
- **Description of Services:** Our training combines lectures, interactive exercises, group discussions, role-playing scenarios, and real-world problem-solving activities to promote innovative thinking. Participants will engage in self-assessment, collaborative mini-projects, and practical applications to foster personal and professional growth. More details are available above in points 1 to 4.
- **Price and Taxes:** The total price, including all applicable taxes (if any), is detailed on our [Pricing Page](#). The service fee is transparent, and there are no hidden charges. Please note that for face-to-face training, additional expenses such as transportation and accommodation are not included and will be charged separately if applicable.
- **Payment Methods:** Payment must be made via bank transfer to RISOVENT LTD's business bank account. Account details will be provided upon issuing and sending you an invoice.
- **Consumer's Obligation to Pay:** By confirming this service and signing the contract via email, you agree to the payment terms and acknowledge your obligation to pay the total amount due within 10 days of receiving the invoice via email.

- **Immediate Confirmation:** Following your agreement to proceed, you will receive an email confirmation of your intent to engage our services.
- **Contract Delivery Timing and Procedure:** The contract will be delivered via email once the service is confirmed by email. This ensures that the contract includes all terms before any party signs. The service terms and conditions, along with the contract and any other supporting documents, will be provided to the client via email.
- **Contract Format:** Sent in a PDF or Word format that you can easily save and print.
- **Opportunity for Questions and Modifications:** We strongly encourage you to review the contract details and any supporting documents, request modifications, and ask questions before signing. Please confirm acceptance by signing the contract and returning it via email.
- **Acknowledgment of Receipt:** Required from clients to ensure you have received and understood all contractual documents.
- **Cancellation Rights:** You have the right to cancel this contract within 14 days of signing, without providing any reason. To exercise the right to cancel, you must inform us of your decision through a clear statement by filling the contact form on <https://risovent.com/contact> or by sending an email to contact@risovent.com
- **Standard Cancellation Form:** Available via email or contact form upon request.
- **Accessibility of Information:** Alternative formats of training materials and pre-contractual information are available upon request. Please contact us for more information.
- **Technical Requirements for Online Participation:** To participate in the online training via Microsoft Teams, you will need:
 - A computer or tablet with audio and video capabilities.
 - A stable internet connection.

- The latest version of Microsoft Teams installed.
- A compatible operating system (Windows 10 or later, macOS 10.13 or later).
- Recommended: A headset with a microphone for optimal audio quality.
- **Complaint Handling Policy:** We are committed to providing quality services. If you have any complaints, please contact us at contact@risovent.com. We aim to acknowledge all complaints within 2 business days and resolve them as soon as possible. Please refer to our [Complaint Handling Policy](#) for more details.
- **Need to Make a Change:** If you need to make any changes or correct any errors, please contact us at contact@risovent.com
- **Duration and Termination Conditions:** The contract includes the duration of the training workshop and any agreed-upon post-training support. Either party may terminate the contract under the conditions specified in the Service Terms and Conditions. The service terms and conditions, along with the contract and any other supporting documents, will be provided to the client via email.

Certificates of Attendance:

- RISOVENT LTD provides certificates of attendance to all participants upon successfully completing the training workshop.

Contract Delivery and Client Interaction:

- **Contract Delivery Timing and Procedure:** The contract will be delivered via email as soon as possible after the service is confirmed, ensuring that the contract reflects all terms before any party signs.
- **Opportunity for Questions and Modifications:** Strongly encouraged before signing the contract. Clients can review the contract details, request modifications, and confirm acceptance via email.
- **Acknowledgment of Receipt:** Required from clients to ensure that you have received and understood all contractual documents.

Target Audience:

- **Early career employees:** For professionals focusing on AI prompt integration into products and processes.

- **HR and Organizational Developers:** Aimed at professionals enhancing workplace interactions and culture through AI.
- **Customer Service and Relations Staff:** For customer-facing roles aiming to boost customer interactions with AI prompts.
- **Operational Staff and Data Analysts:** For employees using AI prompts for daily tasks.
- **Other areas:** Employees across all levels who are seeking to improve their research-prompt skills.

Duration and Scheduling:

- Five full days, flexible scheduling including weekends.

Training Format and Location:

- Available both online via Microsoft Teams and face-to-face at the client's workplace.

Participant Capacity:

- Maximum of 30 individuals per session.

Financial Information:

- **Payment Terms:** Due within 10 days of sending the invoice via email.

Total Price:

- [Please read the price page by clicking here.](#)

Cancellation Policy:

- You have the right to cancel the service and contract within 14 days of signing, without providing any reason.

Privacy Policy

- To learn more about RISOVENT LTD's Privacy Policy, please [click here](#).

Additional Notes:

- Both Online and Face-to-face* training is available in the UK.
- Online training is available to companies in any country worldwide.
- **** For face-to-face training delivered to clients, please note that the training fee does not cover additional expenses such as transportation and accommodation.***

More information:

- For additional details, please visit the **FAQ** page on the RISOVENT website by [clicking here](#). If you have further questions, feel free to contact us at contact@risovent.com

Outline schedule – The following plan can be updated or modified

Day 1: Introduction and Fundamentals of Quantitative Research

- **9:00 AM - 9:15 AM:** Opening Remarks and Introduction
- **9:15 AM - 10:30 AM:** Fundamentals of Quantitative Research
- **10:30 AM - 10:45 AM:** Coffee Break
- **10:45 AM - 12:15 PM:** Data Quality and Its Impact
- **12:15 PM - 1:15 PM:** Lunch Break
 - **1:15 PM - 2:15 PM: Exercise:** Group activity analyzing sample data sets for quality
- **2:15 PM - 2:30 PM:** Coffee Break
- **2:30 PM - 4:00 PM:** Ethical Data Collection and Analysis
 - **4:00 PM - 4:45 PM: Exercise:** Case study review on ethical dilemmas in data collection

Day 2: Data Collection and Analysis

- **9:00 AM - 10:30 AM:** Comprehensive Data Collection Techniques
 - **10:30 AM - 11:30 AM: Exercise:** Designing a survey tailored for an AI use case
- **11:30 AM - 12:30 PM:** Statistical Analysis for Artificial Intelligence Prompts
- **12:30 PM - 1:30 PM:** Lunch Break
 - **1:30 PM - 2:30 PM: Exercise:** Hands-on session with statistical software to analyze survey results
- **2:30 PM - 3:00 PM:** Coffee Break
- **3:00 PM - 4:30 PM:** Interpreting Survey Data for AI Insights
 - **4:30 PM - 5:30 PM: Exercise:** Group discussion to interpret data findings and brainstorm prompt ideas

Day 3: Developing AI Prompts

- **9:00 AM - 10:30 AM:** Visualizing Survey Data
 - **10:30 AM - 11:00 AM: Exercise:** Workshop on creating data visualizations using provided tools

- **11:00 AM - 12:30 PM:** Crafting and Refining Artificial Intelligence Prompts
- **12:30 PM - 1:30 PM:** Lunch Break
- **1:30 PM - 3:00 PM:** Crafting and Refining Artificial Intelligence Prompts (continued)
- **3:00 PM - 3:15 PM:** Coffee Break
 - **3:15 PM - 5:00 PM: Exercise:** Interactive prompt crafting session, applying morning's insights

Day 4: Evaluating and Enhancing AI Prompts

- **9:00 AM - 10:30 AM:** Evaluating and Enhancing Artificial Intelligence Prompts
 - **10:30 AM - 11:30 AM: Exercise:** Role-play on deploying and gathering feedback on AI prompts
- **11:30 AM - 12:00 PM:** Evaluating and Enhancing Artificial Intelligence Prompts (continued)
- **12:00 PM - 1:00 PM:** Lunch Break
 - **1:00 PM - 2:30 PM: Exercise:** Group activity to refine prompts based on hypothetical user feedback
- **2:30 PM - 3:00 PM:** Coffee Break
- **3:00 PM - 4:30 PM:** Review of all Modules and Preparation for Practical Application on Day 5

Day 5: Practical Application and Presentation

- **9:00 AM - 11:00 AM:** Comprehensive Hands-on Project
 - **Exercise:** Participants work on a project that involves all the skills learned from days 1-4, including survey data analysis, prototyping, usability testing, and iterative design
- **11:00 AM - 11:15 AM:** Coffee Break
- **11:15 AM - 1:00 PM:** Finalizing Projects
 - **Exercise:** Teams finalize their projects, preparing for presentation
- **1:00 PM - 2:00 PM:** Lunch Break
- **2:00 PM - 3:00 PM:** Group activity to refine solutions based on feedback from the trainer
- **3:00 PM - 4:30 PM:** Final Projects Presentation
 - **Exercise (3:00 PM - 4:30 PM):** Groups present their projects, focusing on how quantitative data informed their designs
- **4:30 PM - 5:00 PM:** Closing Remarks and Workshop Evaluation