

AI in Journalism: Automated News Generation and Fact-Checking

Duration: 5 Days

Language: en

Course Code: PI2-133

Objective

By the end of this course, participants will be able to:

- Understand how AI is reshaping journalism and newsroom operations.
- Use AI-powered tools to generate data-driven news content.
- Apply automated systems for real-time fact-checking and source verification.
- Explore the limitations, risks, and ethical concerns of AI in media.
- Develop strategies for integrating AI into journalistic processes while maintaining credibility and transparency.

Audience

This course is ideal for:

- Journalists and Editors.
- Newsroom Managers and Content Strategists.
- Media Technology Professionals.
- Investigative Reporters and Fact-Checkers.
- Journalism Educators and Students.
- Content Creators exploring AI integration.

Training Methodology

The course uses a blended approach of expert-led sessions, tool walkthroughs, interactive exercises, and analysis of real-world media applications. Participants will engage in AI writing labs, explore fact-checking APIs, and collaborate on newsroom innovation case studies.

Summary

Artificial Intelligence is rapidly transforming the landscape of journalism, enabling faster content production, real-time analysis, and enhanced accuracy in reporting. This course explores the evolving role of AI in automating news writing, verifying facts at scale, and supporting journalistic integrity in the digital era.

Through practical demonstrations and case studies, participants will gain hands-on experience with AI tools for news generation and fact-checking, understand ethical considerations, and learn how to integrate these technologies within newsroom workflows. The course equips media professionals with the skills to harness AI without compromising editorial standards or human judgment.

Course Content & Outline

Section 1: Introduction to AI in Journalism

- Overview of AI applications in the media industry.
- Evolution of automated journalism: From templates to GPT models.
- Benefits and risks of AI adoption in newsrooms.
- Case studies of AI integration in global media outlets.
- Activity: Identify AI opportunities in your current workflow.

Section 2: Automated News Generation

- Understanding Natural Language Generation (NLG) in journalism.
- Using AI for sports, finance, and weather reporting.
- Data-to-text tools for structured news production.
- Writing with ChatGPT and other AI platforms.
- Lab: Generate a news brief using AI tools.

Section 3: AI-Powered Fact-Checking

- The rise of misinformation and the need for automation.
- Introduction to fact-checking platforms (e.g. ClaimReview, Full Fact APIs).
- Verifying quotes, claims, and sources using AI.
- Integrating real-time fact-checkers into editorial workflows.
- Workshop: Build a fact-checking protocol for your team.

Section 4: Ethics, Bias, and Editorial Oversight

- Editorial integrity and human oversight in AI-generated content.
- Understanding AI bias and transparency challenges.
- Ensuring accountability in AI-assisted reporting.
- Navigating copyright and content ownership issues.
- Debate: Should AI bylines be disclosed to readers?

Section 5: Future Trends and Innovation in Media AI

- Multilingual AI journalism for global audiences.
- Voice synthesis and AI in podcasting and video journalism.
- Collaborative storytelling with human-AI teams.
- Emerging tools and platforms shaping the future of journalism.
- Final project: Design a concept for an AI-enabled newsroom.

Certificate Description

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, a Holistique Training e-Certificate will be provided.

Holistique Training Certificates are accredited by The CPD Certification Service (CPD), and are certified under ISO 9001 and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.

Categories

AI, Data and Visualisation, Media and Marketing, Technology

Tags

Artificial Intelligence, AI in Journalism, AI-Powered Fact-Checking

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