Implementing AI for Advanced Marketing Success Training Course



26 - 30 Oct 2026

Amsterdam

5900 € (Per Person)

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Course Introduction / Overview:

The integration of Artificial Intelligence is no longer a futuristic concept but a present-day necessity for creating impactful and efficient marketing strategies. This course provides a comprehensive roadmap for leveraging AI to transform marketing operations, from initial customer insight to final conversion and retention. We delve into the practical application of AI, moving beyond theoretical discussions to hands-on implementation strategies. As discussed by authors like Avi Goldfarb in "Prediction Machines: The Simple Economics of Artificial Intelligence," the core value of AI lies in its ability to lower the cost of prediction, thereby revolutionizing decision-making in business. This principle is the cornerstone of modern marketing. Participants will explore how to harness machine learning for predictive analytics, utilize Natural Language Processing for superior customer engagement, and deploy personalization engines to create bespoke customer journeys at scale. BIG BEN Training Center has designed this program to empower professionals to not only understand AI but to confidently build, manage, and measure AI-driven marketing initiatives that deliver a tangible return on investment and a significant competitive advantage in a crowded digital landscape.

Target Audience / This training course is suitable for:

- Marketing Directors and Managers.
- Digital Marketing Specialists.
- Brand and Product Managers.
- Data Analysts and Marketing Scientists.
- Business Development Executives.
- IT Professionals collaborating with marketing teams.
- Chief Marketing Officers (CMOs) and other senior executives.
- Entrepreneurs and business owners.

Target Sectors and Industries:

- Retail and E-commerce.
- Banking, Finance, and Insurance Services.
- Healthcare and Pharmaceuticals.
- Technology and Software Services.
- Telecommunications.
- Travel, Hospitality, and Entertainment.
- Automotive Industry.
- Government and Public Sector Organizations.

Target Organizations Departments:

- Marketing and Communications.
- Sales and Business Development.
- Customer Experience and Service Departments.
- Data Analytics and Business Intelligence.
- Product Development and Management.
- Strategic Planning.
- Information Technology (IT).

Course Offerings:

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

- Develop a comprehensive AI marketing strategy aligned with business objectives.
- Implement AI-powered personalization techniques to enhance the customer journey.
- Utilize predictive analytics for customer behavior forecasting and churn prevention.
- Deploy AI-driven tools for content creation and marketing automation.
- Integrate chatbots and virtual assistants for improved customer engagement.
- Analyze and interpret data from AI marketing campaigns to measure performance.
- Optimize advertising spend and targeting using machine learning algorithms.
- Navigate the ethical considerations and data privacy issues related to AI in marketing.
- Evaluate and select the appropriate AI marketing tools and platforms for their organization.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, practical, and highly interactive, ensuring that participants can translate theoretical knowledge into real-world skills. Our approach is centered on experiential learning, where concepts are introduced and then immediately explored through relevant case studies of successful AI marketing implementations across various industries. The course incorporates a blend of expert-led presentations, interactive group discussions, and collaborative workshops where participants can brainstorm and design AI-driven marketing strategies for hypothetical scenarios. We emphasize a hands-on approach, utilizing practical exercises that simulate the challenges of deploying AI tools. Participants will engage in teamwork to solve complex marketing problems, fostering an environment of shared learning and innovation. Continuous feedback is a key component, with dedicated sessions for Q&A and personalized guidance from the instructor. This dynamic and engaging methodology ensures that every professional leaves the course with the confidence and competence to lead AI initiatives within their organization.

Course Agenda (Course Units):

Unit One Foundations of AI in Modern Marketing

- Introduction to Artificial Intelligence, Machine Learning, and Deep Learning.
- The evolution of marketing in the age of AI.
- Understanding the AI marketing technology stack.
- Key AI concepts for marketers: NLP, computer vision, and predictive analytics.
- Differentiating between AI, automation, and data analytics.
- Identifying key business challenges that AI can solve in marketing.
- Case studies of disruptive AI marketing innovations.

Unit Two AI-Powered Customer Insights and Personalization

- Leveraging AI for advanced customer segmentation.
- Utilizing predictive analytics to forecast customer lifetime value (CLV).
- Implementing AI-driven sentiment analysis for brand monitoring.
- Building hyper-personalized customer journeys with AI engines.
- AI techniques for lead scoring and qualification.
- Understanding the role of data in training effective marketing AI models.
- Practical applications of AI in market research and trend spotting.

Unit Three Implementing AI in Marketing Campaigns and Content

- Generative AI for content creation and copywriting.
- AI-powered email marketing personalization and optimization.
- Deploying intelligent chatbots and virtual assistants for customer service.
- AI in programmatic advertising and media buying.
- Optimizing campaign performance with AI-driven A/B testing.
- Voice search optimization and the impact of AI assistants.
- Strategies for integrating AI into your existing marketing channels.

Unit Four AI for Marketing Analytics and Performance Measurement

- Defining key performance indicators (KPIs) for AI marketing initiatives.
- Advanced attribution modeling using machine learning.
- Building effective dashboards to visualize AI campaign performance.
- Calculating the Return on Investment (ROI) of AI marketing technology.
- Using AI for competitive analysis and intelligence gathering.
- Techniques for real-time campaign optimization with AI.
- Presenting AI marketing results and insights to stakeholders.

Unit Five Advanced AI Strategies and The Future of Marketing

- Navigating the ethical considerations and biases in marketing AI.
- Building an AI-ready culture within your marketing team.
- Strategies for scaling AI initiatives across the organization.
- The future of AI in marketing: trends and predictions.
- Integrating AI with other emerging technologies like IoT and blockchain.
- Developing a long-term roadmap for AI adoption in marketing.
- Final project: Designing a comprehensive AI marketing strategy.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

As AI becomes more autonomous in executing marketing campaigns, what is the evolving role of human creativity and strategic oversight?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by moving beyond a purely technical or theoretical overview of AI, focusing instead on the strategic implementation and business impact of artificial intelligence in marketing. While other programs may concentrate on specific tools, our curriculum is built around a framework for critical thinking, enabling participants to develop, execute, and measure a holistic AI marketing strategy regardless of the platforms they use. We place a significant emphasis on the "why" behind the technology, exploring how AI-driven predictions and personalization directly align with core business objectives like revenue growth and customer retention. A key differentiator is our dedicated module on the ethical implications and potential biases of AI, preparing leaders to deploy these powerful technologies responsibly. Furthermore, the course is designed to be intensely practical, grounding every concept in real-world case studies and interactive workshops. Participants will not just learn about AI; they will learn how to think like an AI-powered marketing strategist, ready to navigate the future of the industry with confidence and foresight.