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#	<p>Christos Zoukos BSc Computer Engineering New York University, MSc Business Analytics Imperial College London</p>	
Title:	<p>Consultant Boston Consulting Group, London, UK</p>	
email:	czoukos@nyu.edu	•
Presentation title:	<p>Impact of Artificial intelligence in construction</p>	
<p>The construction industry, traditionally rooted in manual processes and human expertise, is undergoing a significant transformation with the advent of Artificial Intelligence (AI). This talk explores the profound impact AI is having on the construction sector, from design and planning to execution and maintenance. AI-driven tools are revolutionizing the way buildings are designed through generative design, enabling the creation of optimized structures based on multiple criteria like cost, sustainability, and material efficiency.</p> <p>On construction sites, AI-powered robots and drones are increasingly being used for tasks such as surveying, bricklaying, and real-time progress monitoring, improving both speed and accuracy. AI is also enhancing safety through predictive analytics, identifying potential hazards before they occur and reducing accidents. Furthermore, AI facilitates project management by analyzing large datasets to predict delays, optimize resources, and control costs.</p> <p>The integration of AI in construction extends to smart buildings, where sensors, IoT, and AI systems monitor and manage energy use, maintenance needs, and occupant comfort. This shift towards AI adoption is not without challenges, including the need for upskilling the workforce, addressing ethical concerns, and ensuring data privacy.</p> <p>In conclusion, AI is reshaping the construction industry by increasing efficiency, improving safety, reducing costs, and contributing to more sustainable building practices. As AI technologies continue to evolve, the construction sector must embrace these innovations to stay competitive in an increasingly digital world.</p>		
Short CV:		
<p>Consultant at Boston Consulting Group (BCG) focused on technology Mergers & Acquisitions (M&A) with a passion for Artificial Intelligence (AI) and particularly generative AI BSc in Computer Engineering New York University and MSc in Business Analytics Imperial College London.</p>		
CV:		
<p>Christos is a seasoned Technology M&A professional at Boston Consulting Group (BCG), with experience in leading complex transactions and strategic advisory in the technology sector. His expertise spans mergers, acquisitions, divestitures, and post-merger integrations, focusing on helping clients navigate the rapidly evolving tech landscape.</p> <p>Christos has collaborated with global technology firms, private equity funds, and venture capitalists, identifying high-value opportunities and executing successful deals that drive growth and innovation.</p> <p>Christos holds a BSc in Computer Engineering from New York University (NYU) and an MSc in Business Analytics from Imperial College London.</p>		