Generative AI for Senior Managers: Understanding, Opportunities, and Governance

Duration: 08 hours
Courseware: Unofficial ppt/pdf
Note: Demos and Use cases will be an incorporated in the training to make it productive

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Learning Outcomes:
- Understand what Generative AI is and how it can benefit your business.
- Learn about practical AI tools like ChatGPT, DALL·E, and Copilot.
- Be aware of the risks and challenges in adopting AI.
- Know how to strategically and safely implement AI with tools like MLflow and Azure Machine Learning.

Module 1: Introduction and Business Benefits
1. **What is Generative AI?**
   - Overview of Generative AI
   - How it works (in simple terms)
   - Types of AI models used today (e.g., chatbots, image generation)
2. **How Generative AI is Changing Business**
   - Automating repetitive tasks to save time and money
   - Personalizing customer experiences
   - Boosting creativity in product development and marketing
3. **Real-World Success Stories**
   - Case studies from industries like retail, healthcare, and finance
   - How companies have successfully integrated AI to grow their business
4. **Popular Generative AI Tools**
   - **ChatGPT**: AI for text generation, customer service, marketing, and communication
   - **DALL·E**: AI for creating images from text, useful in design and advertising
   - **Copilot**: AI to assist in code generation and automation for software development
   - **Sora**: AI generated video solutions into your business applications
   - **Azure OpenAI**: Cloud based GenAI solutions and its integration to other services
5. **How Generative AI Can Give Your Business an Edge**
   - Competitive advantage through innovation
   - Streamlining internal processes
   - Improving decision-making with AI-powered insights

6. **AI Developer Tools**
    - **MLflow**: Managing AI models' lifecycle for tracking and governance
    - **Azure AI Studio**: End to End Generative AI Development
    - **Hugging Face**: Tracking and deploying AI open-source AI models

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Module 2: Managing Risks and Implementing AI Safely

6. **Understanding AI Risks**
    - Ethical issues like bias and fairness
    - Data privacy and security concerns
    - How AI could affect jobs and the workplace

7. **Steps to Safely Use AI in Your Company**
    - Best practices for starting small with AI projects
    - Building an AI team or partnering with experts
    - Monitoring AI performance to ensure fairness and accuracy

8. **Building an AI Adoption Strategy**
    - Aligning AI with business goals
    - Creating a roadmap for long-term AI integration
    - Managing change within your team and organization

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9. **Session Wrap up:** Discussion and QnA