



3 Courses

Generative AI: Introduction  
and Applications

Generative AI: Prompt  
Engineering Basics

Generative AI: Elevate Your  
Data Science Career



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**KE ZHU**

has successfully completed the online, non-credit Specialization

# Generative AI for Data Scientists

By completing this specialization, the learner has demonstrated the ability to differentiate generative AI from discriminative AI, describe real-world generative uses, and identify and use popular generative AI models and tools for text, code, image, audio, and video generation. The learner can explain generative AI prompt engineering concepts, provide examples, and apply prompt engineering techniques that create demonstrably useful outcomes. The learner can identify useful, appropriate generative AI tools for data science and apply generative AI prompt techniques to tasks throughout the data methodology process including data set generation data set augmentation, and machine learning model development and refinement, visualizations, and insights.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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