**Vertex AI** is a machine learning (ML) platform that enables training, deploying, and customizing ML models and AI applications. [It combines data engineering, data science, and ML engineering workflows, fostering collaboration and scalability on Google Cloud1](https://cloud.google.com/vertex-ai/docs).

Here are **five free learning resources** to explore Vertex AI:

1. [**Introduction to Vertex AI**](https://www.coursera.org/learn/introduction-to-vertex-ai): A comprehensive Coursera course covering fundamental concepts, components, and applications of Vertex AI.
2. [**Vertex AI Documentation**](https://cloud.google.com/vertex-ai/docs): Google Cloud’s official documentation provides detailed information on using Vertex AI for ML tasks[1](https://cloud.google.com/vertex-ai/docs).
3. [**Tutorials Overview**](https://cloud.google.com/vertex-ai/docs/tutorials): Explore Google Cloud console tutorials and Jupyter notebook tutorials using the Python SDK[2](https://cloud.google.com/vertex-ai/docs/tutorials).
4. [**Getting Started with Vertex AI**](https://cloud.google.com/blog/products/ai-machine-learning/getting-started-with-vertex-ai): A blog post with essential resources categorized by roles (Data Analyst, Data Scientist, ML Engineer, Software Engineer) to help you build ML skills on Vertex AI[3](https://cloud.google.com/blog/products/ai-machine-learning/getting-started-with-vertex-ai).
5. [**Introduction to Vertex AI on GeeksforGeeks**](https://www.geeksforgeeks.org/introduction-to-vertex-ai/): Learn about Vertex AI’s unified platform for training, interacting, and discovering ML models and AI applications[4](https://www.geeksforgeeks.org/introduction-to-vertex-ai/).

Happy learning! 🚀📚