## Google colab

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## What is Google Colab?

- A free cloud-based platform for writing and executing Python code
- Provides an interactive coding environment with live execution
- > No installation required, runs entirely in the cloud
- Comes with pre-installed libraries for machine learning, data science, and AI
- Ideal for collaborative coding, education, and research





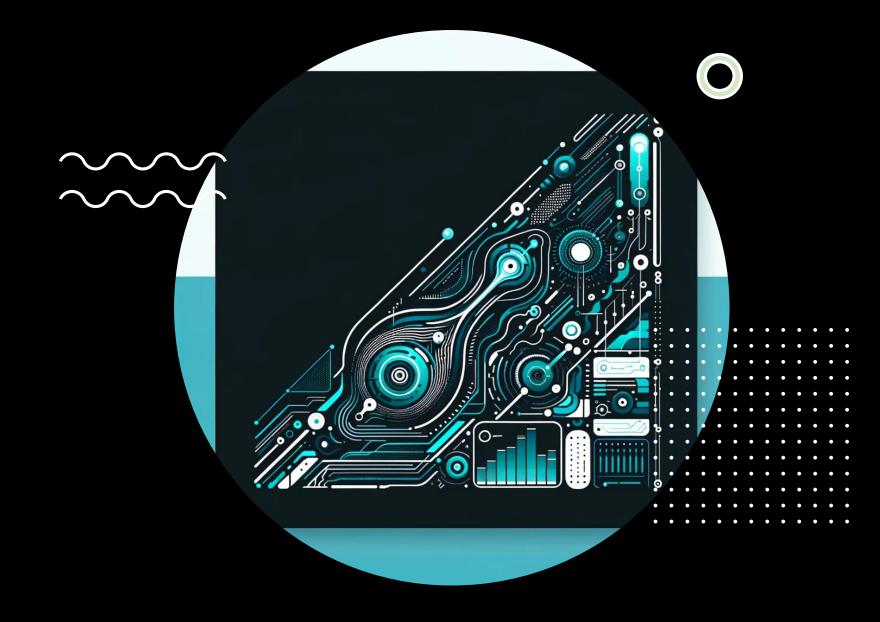
## **Key Features of Google Colab**

- Cloud-Based Execution: No local setup, runs on Google's servers
- Collaboration: Share notebooks easily with others via Google Drive
- Free GPU & TPU Access: Run deep learning models efficiently
- > Integration: Access Google Drive, GitHub, and more
- > Magic Commands: !pip install, %%time
  - > Magic commands are special commands in Pythonbased environments (like Google Colab) that provide additional functionality for working efficiently.









## Thank You