

LUSTER



Luster

AI/ML BOOTCAMP





4 Weeks Curriculum



Week 1 - Introduction To AI

- 1) Introduction to Artificial Intelligence, Machine Learning, Deep Learning and Generative AI.
- 2) Use cases of AI, its examples.
- 3) Learn generative language models such as Chat GPT, Bard, etc.
- 4) Learn generative image models such as Midjourney, Jasper ai, etc.



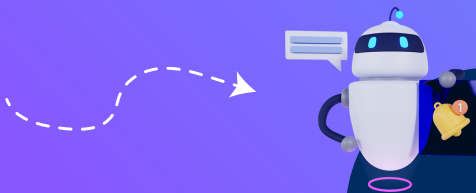
Week 2 - Master Prompt Engineering

- 1) Introduction to Prompt Engineering
- 2) Use cases, jobs, market, etc.
- 3) Understanding basics of Prompt engineering, templates of commonly used prompts, etc.



Week 3 - Learn Machine Learning

- 1) Programming in Python
- 2) Understanding Machine Learning
- 3) Understanding unsupervised machine learning & supervised machine learning
- 4) Understanding Computer Vision
- 5) Understanding and Creating Image classification model



Week 4 - Build AI/ML Projects

- 1) Create your ai chatbot (NLP)
- 2) Sentiment analysis of a given text (NLP)
- 3) Build a model that recognizes facial emotions (CV)
- 4) Build a model which detects multiple objects within an image (CV)