

TECHRADAR 2021

MACHINE LEARNING

METHODS

Adopt

- 1. Gradient boosting
- 2. Deep learning
- 3. NLP (natural language processing)
- 4. Computer vision
- 5. Unsupervised learning
- 6. Process Mining
- 7. Supervised learning

Trial

- 8. Reinforcement learning

Assess

- 9. Federated learning
- 10. Generative Adversarial Network

TOOLS

Adopt

- 11. Python
- 12. (Py)Spark
- 13. SQL
- 14. TensorFlow
- 15. C++ (embedded)
- 16. Keras

- 17. Jupyter
- 18. PyTorch
- 19. MLflow
- 20. Splunk
- 21. Kafka

Trial

- 22. Greengrass (Amazon)
- 23. Jax
- 24. TensorFlow Lite

Assess

- 25. Neo4j
- 26. Raylib

Hold

- 27. R
- 28. SAS

PROCESS

Adopt

- 29. Gitops
- 30. MLOps
- 31. Business integration
- 32. Business experimentation
- 33. A/B testing

- 34. KANBAN
- 35. Virtualisation
- 36. Interpretable ML
- 37. Simulation
- 38. Visualisation
- 39. Data generation
- 40. Pseudonymization

Trial

- 41. Edge computing

Assess

- 42. AI Fairness

PLATFORM

Adopt

- 43. Azure
- 44. AWS
- 45. Databricks
- 46. Kubernetes
- 47. Google Cloud (GCP)

Trial

- 48. Nvidia Jetson
- 49. Google TPU

