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Aprendamos machine Learning con herramientas de Google

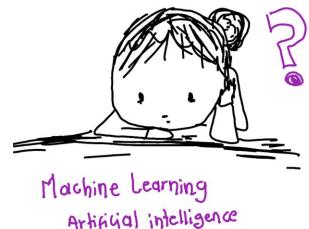




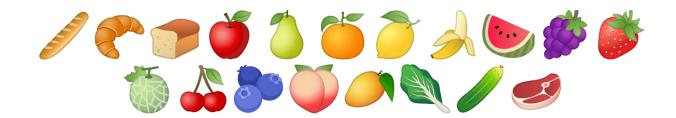
@marisbotero

Indice

- Qué es machine Learning
- Flujo de trabajo
- 3. Herramientas
- 4. bigQuery
- 5. VertexIA



Datos



Algoritmos



Modelos



Predicciones



Input: 0, 8, 15, 22 Input: 0, 8, 15, 22, 38

Output: 32, 46.4, 59, 71.6

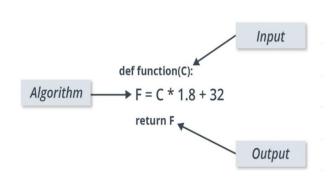
Output: 32, 46.4, 59, 71.6, ?

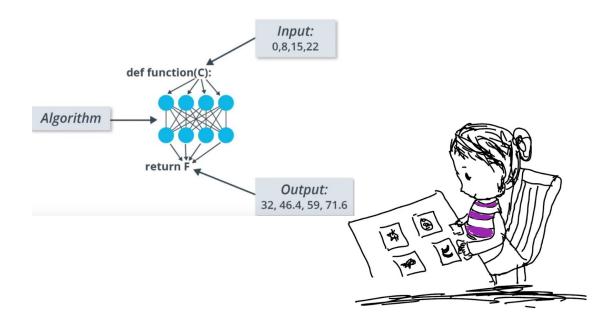
F = C * 1.8 + 32

F = Fahrenheit C = Celsius



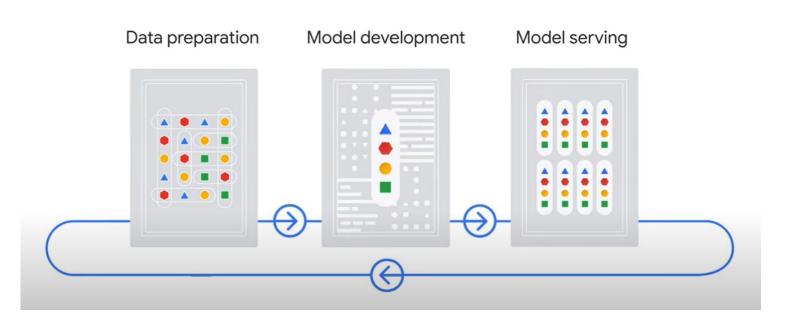
Machine Learning





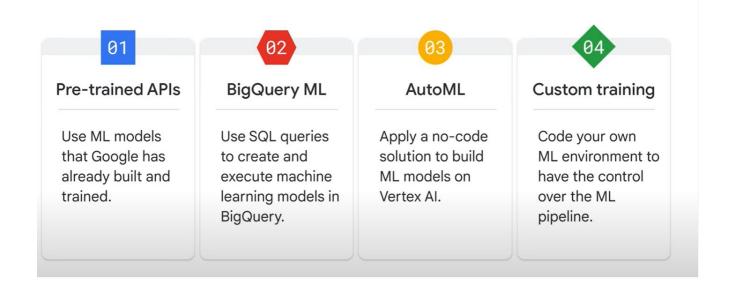


Flujo de trabajo





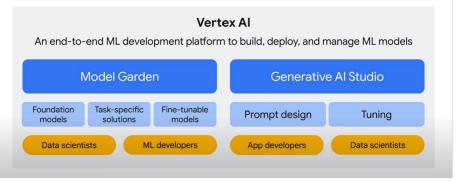
Herramientas



Google's contributions to Al advancements Generative AI Products AutoML AI Platform Vertex Al on Vertex Al PaLM Models **BERT** LaMDA Technologies scikit-learn TensorFlow 1.0 Transformer TensorFlow 2.0 2007 2015 2017 2018 2019 2021 2022 2023







- -GCP
- -Google colab
- -https://cloud.google.com/automl?hl=es
- -https://cloud.google.com/vertex-ai/docs/beginner/beginne

rs-quide?hl=es

- Machine Learning Crash Course ML from scratch theory + practice https://developers.google.com/machine-learning/crash-course/
- Seedbank learn ML with simple and advanced example Colabs https://research.google.com/seedbank
- Distill.pub awesome visual explanations https://distill.pub/
- Deep Learning With Python <u>https://github.com/fchollet/deep-learning-with-python-notebooks/</u>
- MIT Deep Learning Course <u>https://deeplearning.mit.edu/</u>

