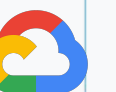


# Summary

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## Introduction to TensorFlow

Lak Lakshmanan



# Recap on TensorFlow

Summarize and review core TensorFlow and Cloud ML Engine topics covered

Introduction

Core TensorFlow

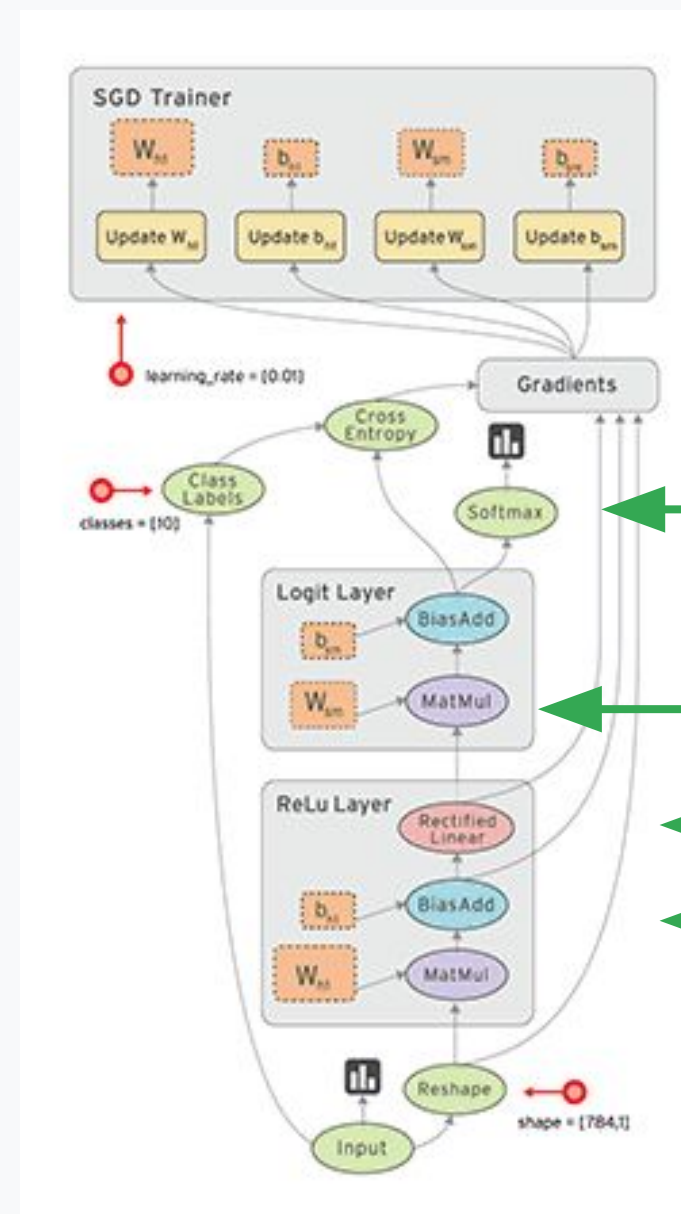
Estimator API

Scaling TensorFlow models with CMLE

**Summary**



# TensorFlow is an open-source high-performance library for numerical computation that uses directed graphs



Nodes represent mathematical operations

Edges represent arrays of data

# TensorFlow toolkit hierarchy

tf.estimator

tf.layers, tf.losses, tf.metrics

Core TensorFlow (Python)

Core TensorFlow (C++)

CPU

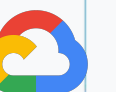
GPU

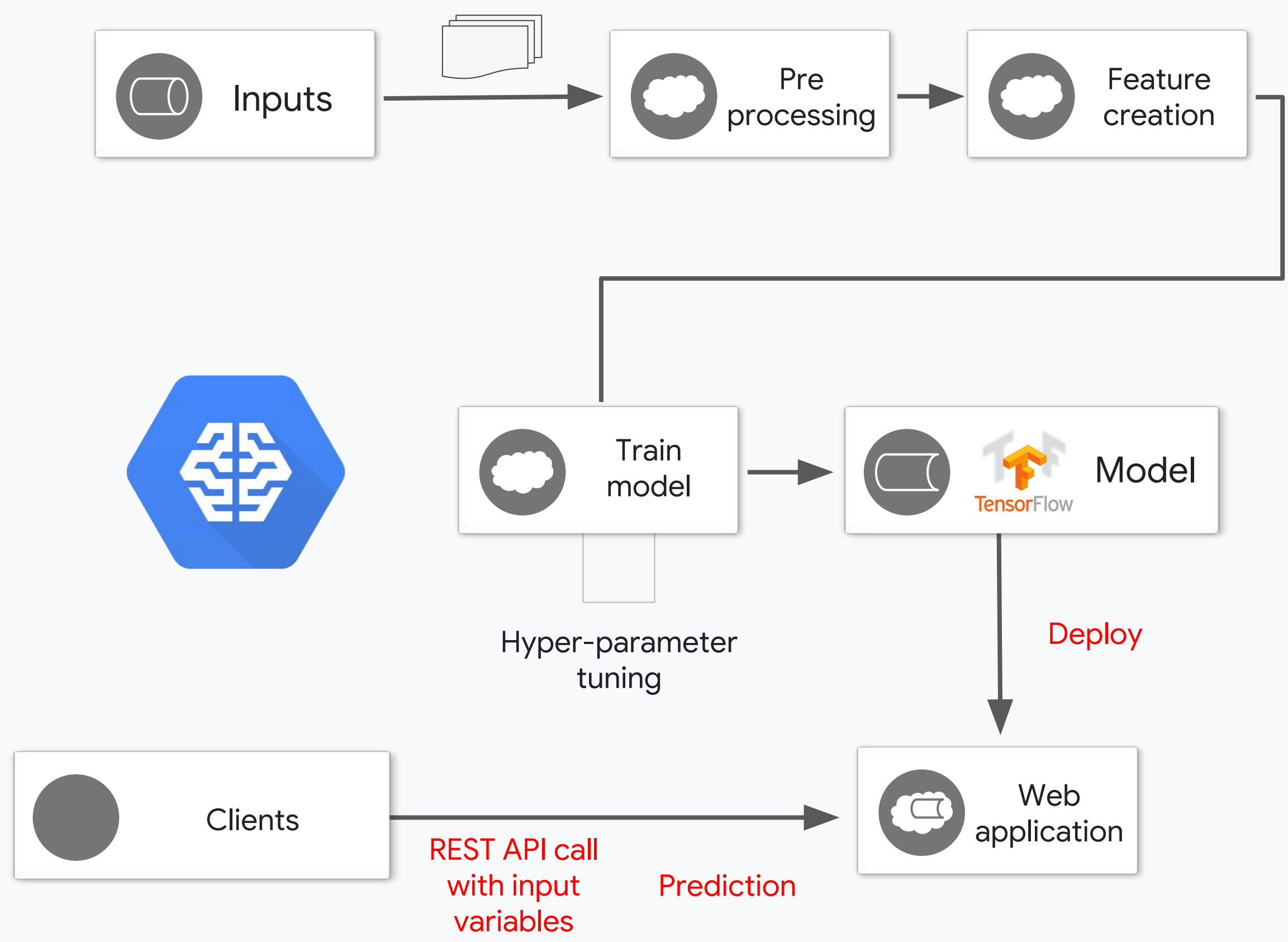
TPU

Android



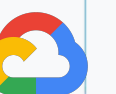
Cloud ML Engine





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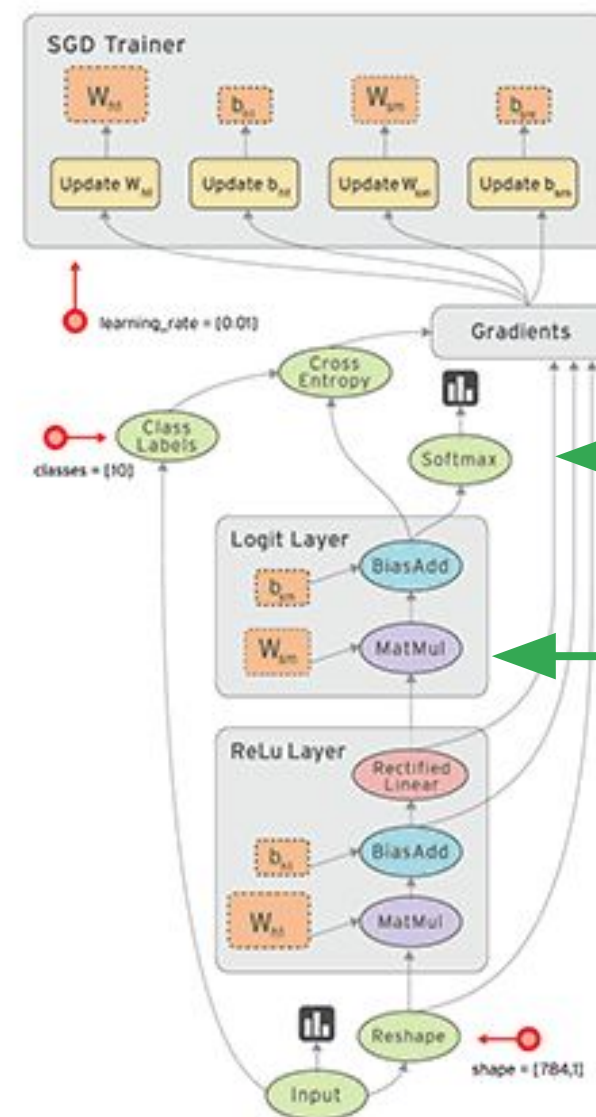
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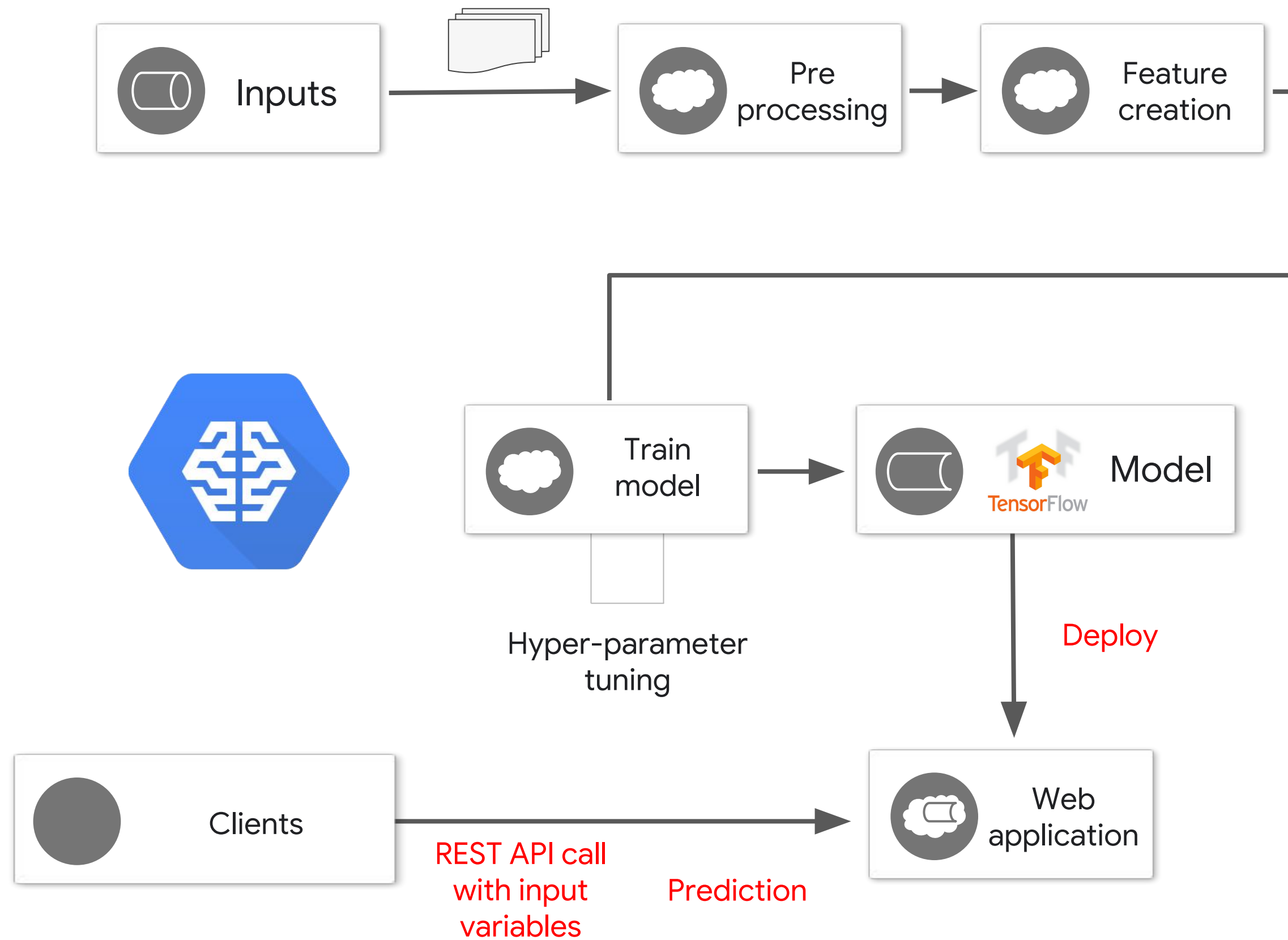
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Cloud ML Engine



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