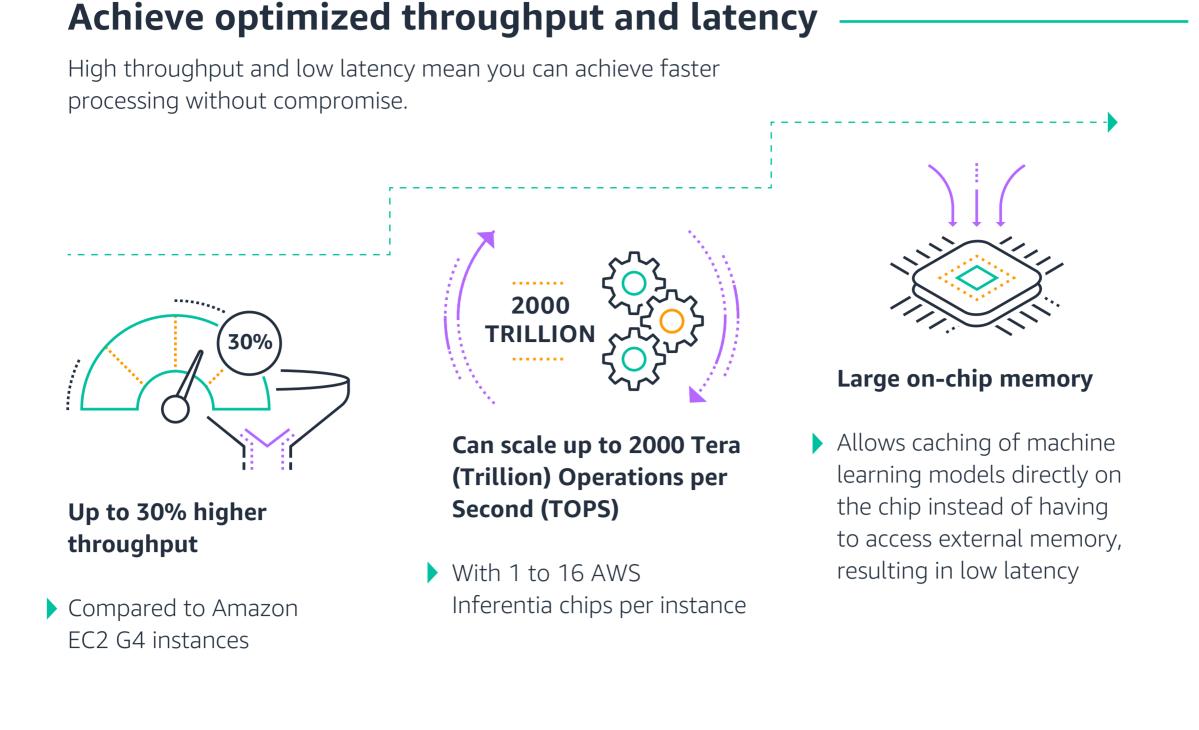
Amazon EC2 Inf1 Instances: High Performance with the Lowest Cost Machine Learning Inference in the Cloud



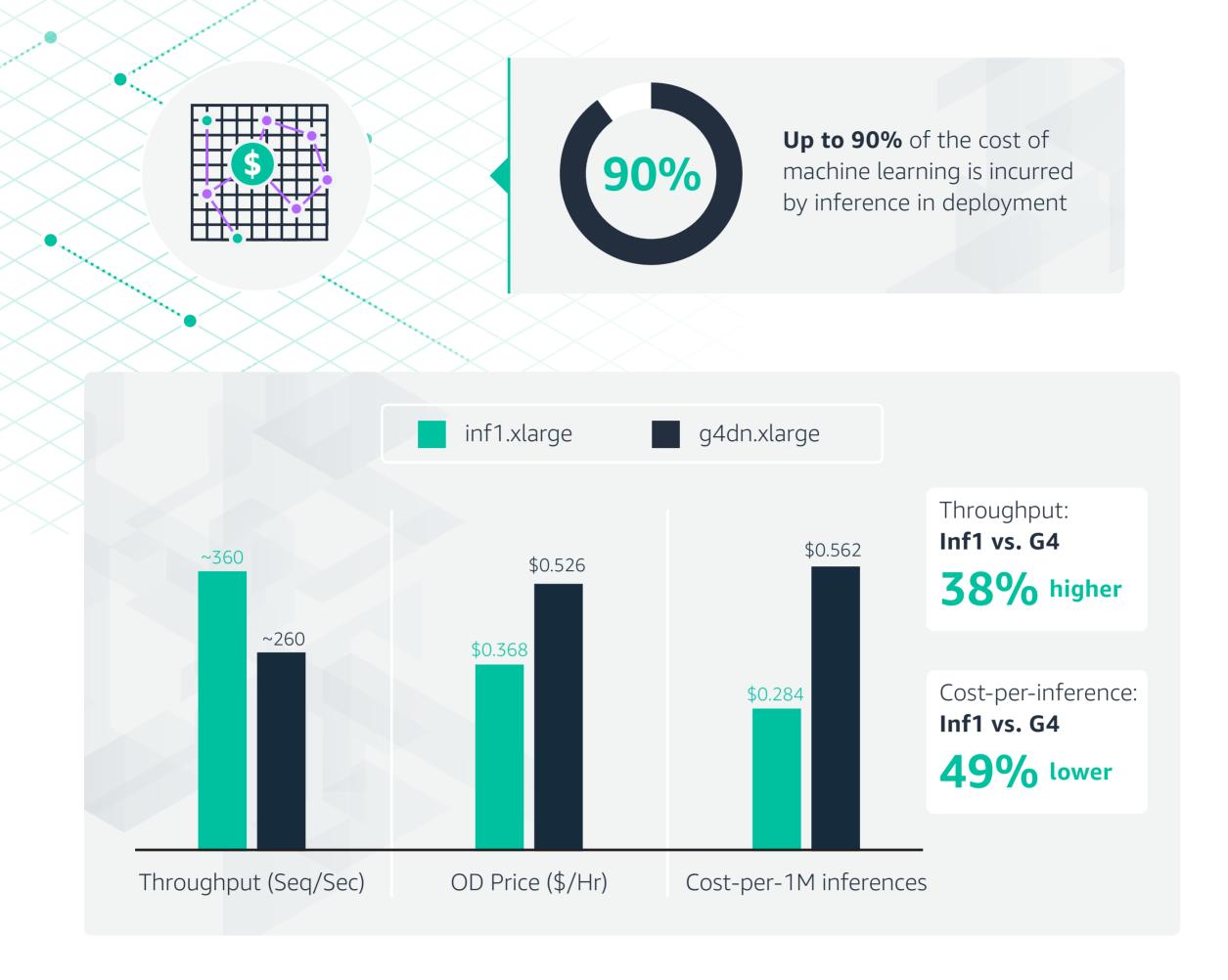
optimize the deployment of your machine learning applications with high throughput, low latency, at the lowest cost per inference in the cloud.

With Amazon EC2 Inf1 instances powered by AWS Inferentia chips, you can



The cost of deploying a machine learning model can have a significant impact on budgets. Inf1 instances outperform other instances with the lowest cost per inference in the cloud.

Enable the lowest cost machine learning inference in the cloud



in the cloud Choose a flexible and easy-to-use solution

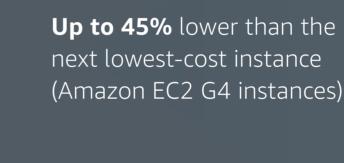
Single shot

detector (SSD)

Amazon EC2 Inf1 instances

machine learning inference

deliver the lowest cost



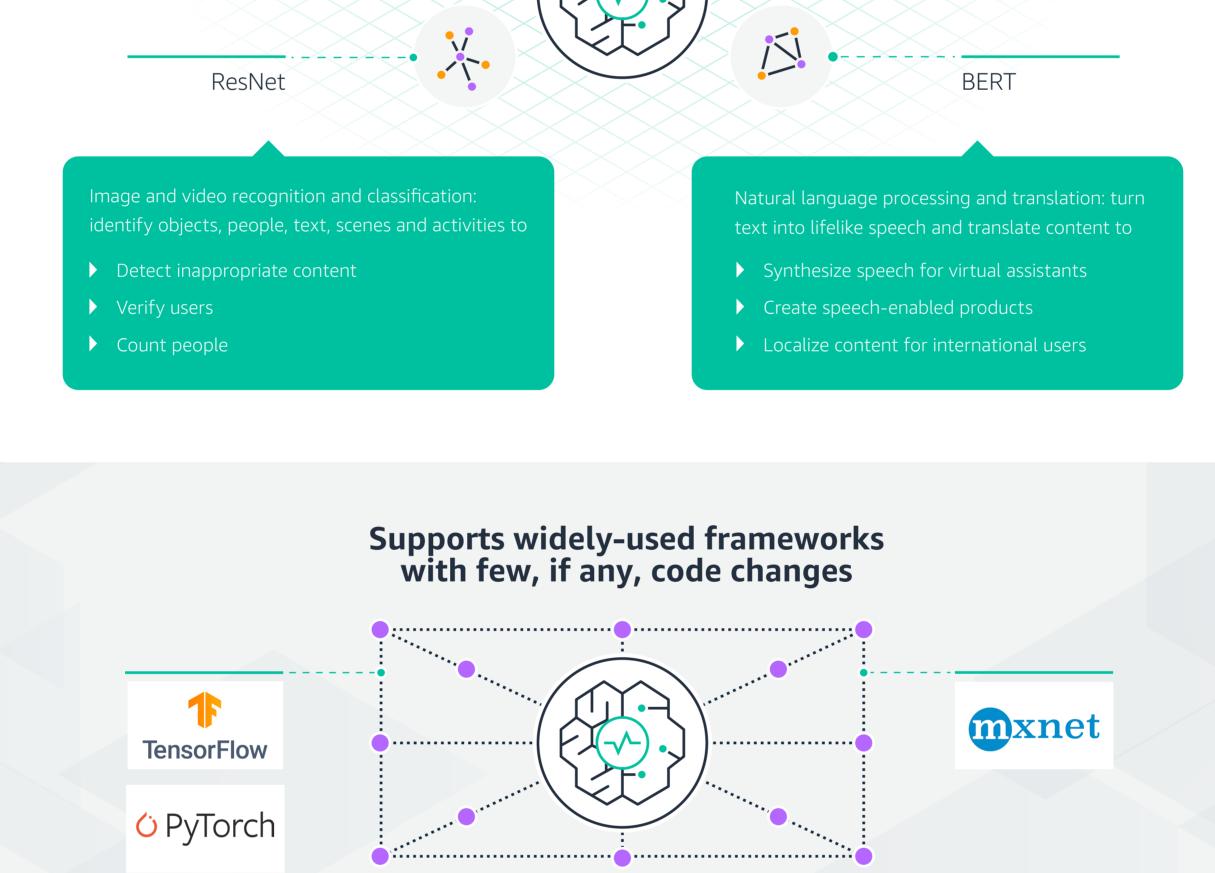
Inf1 instances support multiple machine learning models and data types, requiring few code changes

Transformer

45%

Multiple machine learning models supported

to support models trained on the most popular frameworks.



Deploy using popular AWS services

Multiple data types supported

754-2008

Amazon EKS

FP16

The AWS Neuron SDK can

automatically convert FP32

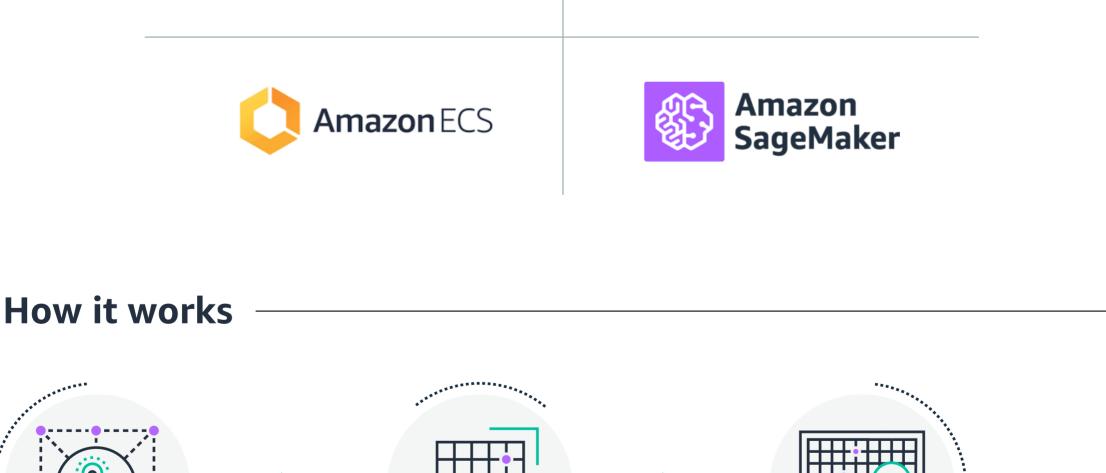
trained models to BF16

• 00010010

AWS BATCH

INT8

BF16





Learn more at https://aws.amazon.com/ec2/instance-types/inf1/