

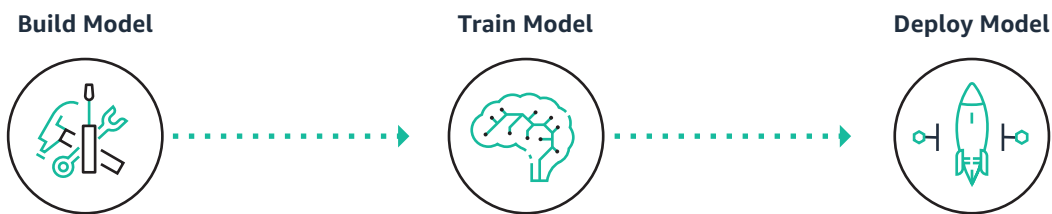


The Power of P3: Reduce Machine Learning Training Time from Days to Minutes



For data scientists, researchers, developers and machine learning engineers who need to accelerate training of machine learning models, Amazon EC2 P3 instances have been proven to reduce machine learning model training times from days or weeks to minutes.

► The BP3 (Before P3) Era



The Problem:



Inefficient usage of resources



Slow deployment time



Limited scalability



Time-consuming data management



High costs

► The P3 Solution — one of the most powerful and versatile platforms in the cloud for training machine learning models



Power

Iterate faster, train more models and increase accuracy



Agility

Support for all major machine learning frameworks



Scalability

Scale out infrastructure from 1 GPU to 100s of GPUs



Pay only for what you use
Flexible pricing models

Global Availability

Train and deploy models wherever
your data is stored



▶ A Proven Solution



"With Amazon EC2 P3 instances, we have the ability to run training workloads faster, enabling us to iterate more, build better machine learning models and reduce cost."

—Nathan Blecharczyk,
Cofounder & CTO of Airbnb

— | Tap into the power of P3. | —

Learn more: aws.amazon.com/ec2/instance-types/p3

Sources

<https://aws.amazon.com/ec2/instance-types/p3/>
<https://aws.amazon.com/solutions/case-studies/airbnb/>