

Wide range of storage classes



S3 Standard



S3 Intelligent-Tiering



S3 Standard-IA



S3 One Zone-IA



S3 Glacier Instant Retrieval



S3 Glacier Flexible Retrieval



S3 Glacier Deep Archive



Access frequency

Frequently accessed data

Unknown or changing access patterns

Infrequently accessed data

Infrequently accessed data

Re-creatable data

Long term data archive
digital preservation



Time to access

msec access

msec access

msec access

msec access

msec access

mins
Free bulk retrievals:
5-12 hours

12-48 hours
retrieval

Management tools for granular data control

S3 Storage Class Analysis

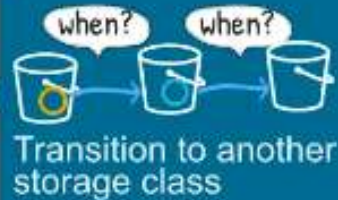
Discover data



Data transfer



S3 Lifecycle Policy



Based on access patterns Lower-cost storage class

S3 Cross-Region Replication (CRR)



S3 Same Region Replication



S3 Object Lock



Retention period

Enforce write-once-read-many (WORM) policies

S3 Inventory

List of objects



+ metadata

Encryption status



API request

Or
AWS Management Console

Billions of objects

Batch operations such as



Copy



Object tag sets



Modify access controls



Restore

Archived objects

Amazon Simple Storage Service

Works with



AWS Lambda



Activities



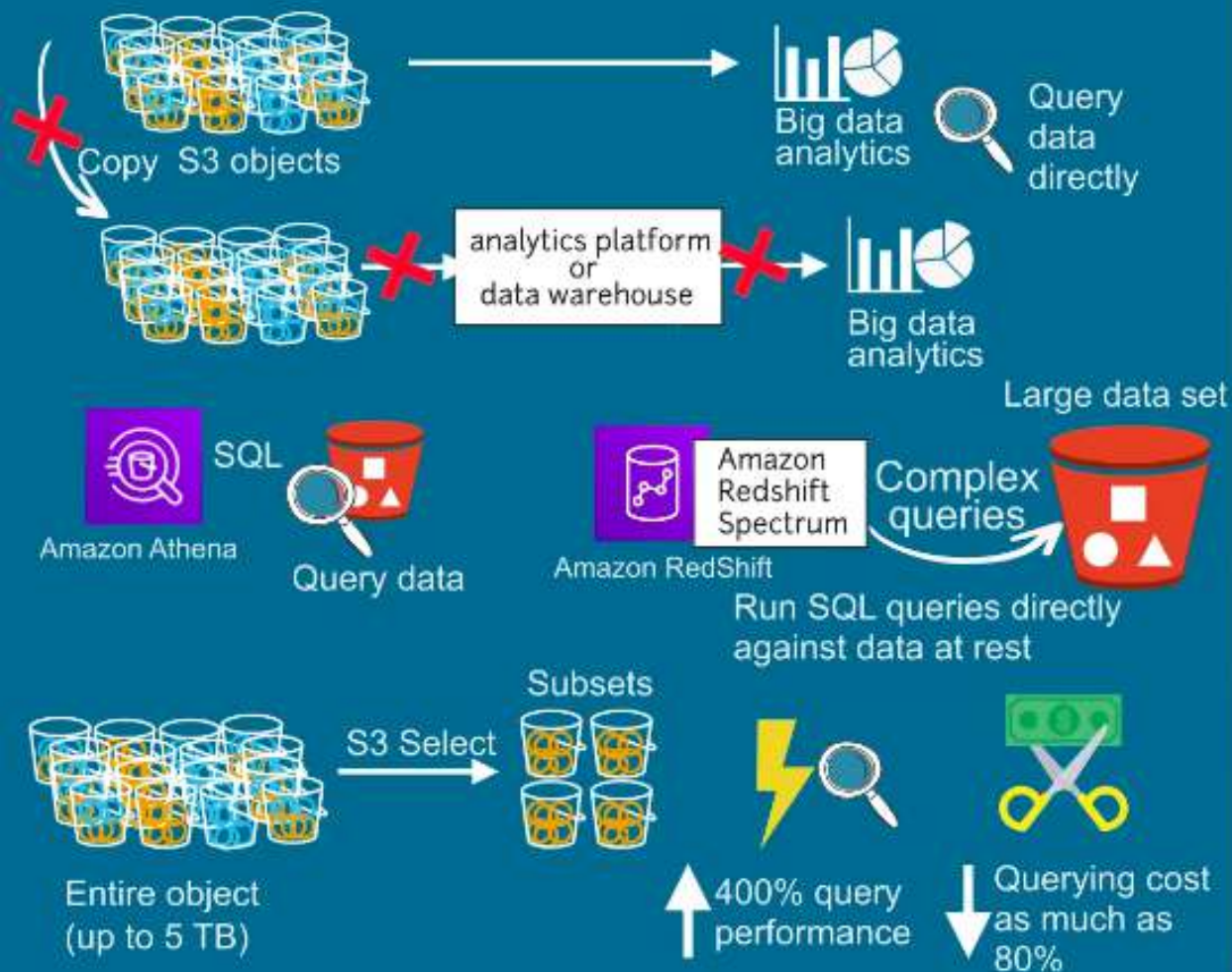
Alert



Automate workflow

Without managing additional infrastructure

Query-in-place services for analytics



Versioning

