☆ Service Category :- Compute

→ Service :- IaaS
AWS :- Amazon Elastic Compute Cloud
Google Cloud :- Compute Engine

→ Service :- PaaS
AWS :- AWS Elastic Beanstalk
Google Cloud :- App Engine

→ Service :- FaaS
AWS :- AWS Lambda
Google Cloud :- Cloud Functions

☆ Service Category :- Containers

→ Service :- CaaS
AWS :- Amazon Elastic Kubernetes Service, Elastic Container Service
Google Cloud :- Google Kubernetes Engine

→ Service :- Containers without infrastructure
AWS :- AWS Fargate
Google Cloud :- Cloud Run

→ Service :- Container registry
AWS :- Amazon Elastic Container Registry
Google Cloud :- Container Registry

☆ Service Category :- <u>Networking</u>

→ Service :- <u>Virtual Networks</u>
AWS :- Amazon Virtual Private Cloud
Google Cloud :- Virtual Private Cloud

→ Service :- <u>Load balancer</u>
AWS :- Elastic load balancer
Google Cloud :- Cloud load balancer

→ Service :- Dedicated interconnect
AWS :- AWS Direct interconnect
Google Cloud :- Cloud interconnect

→ Service :- Domains & DNS
AWS :- Amazon Route 53
Google Cloud :- Google Domains, Cloud DNS

→ Service :- CDN
AWS :- Amazon Cloud Front
Google Cloud :- Cloud CDN

→ Service :- DDos Firewall
AWS :- AWS shield, AWS WAF
Google Cloud :- Google Cloud Armor

A) Service Category :- Storage.

→ Service :- Object storage
AWS :- Amazon Simple Storage Service
Google Cloud :- Cloud Storage

→ Service :- Block storage
AWS :- Amazon Elastic Block Storage
Google Cloud :- Persistent Disk

→ Service :- Reduced Availability Storage
AWS :- Amazon S3 Standard - Infrequent Access, Amazon S3 One Zone - Infrequent Access
Google Cloud :- Cloud Storage Nearline, Cloud Storage Coldline

→ Service :- Archival storage
AWS :- Amazon Glacier
Google Cloud :- Cloud Storage Archive

→ Service :- File storage
AWS :- Amazon Elastic File System
Google Cloud :- File store

→ Service :- In-memory data store
AWS :- Amazon ElastiCache for Redis
Google Cloud :- Memory store

☆ Service Category :- **Database**

→ Service :- RDBMS
AWS :- Amazon Relational Database Service, Aurora
Google Cloud :- Cloud SQL, Cloud Spanner

→ Service :- NoSQL : Key - value
AWS :- Amazon DynamoDB
Google Cloud :- Firestore, Cloud

→ Service :- NoSQL : Indexed
AWS :- Amazon Simple DB
Google Cloud :- Bigtable Firestore

→ Service :- In - memory data store
AWS :- Amazon ElastiCache for Redis
Google Cloud :- Memory Store

☆ Service Category :- **Data analysis**

→ Service :- Data warehouse
AWS :- Amazon Redshift
Google Cloud :- Big Query

→ Service :- Query service
AWS :- Amazon Athena
Google Cloud :- Big Query

→ Service :- Stream data processing
AWS :- Amazon Kinesis
Google Cloud :- Dataflow

→ Service :- Stream data ingest
AWS :- Amazon Kinesis
Google Cloud :- Pub/Sub

⭐ Service Category :- Management

→ Service :- Deployment
AWS :- AWS CloudFormation
Google Cloud :- Cloud Deployment Manager

→ Service :- Cost management
AWS :- AWS Budgets
Google Cloud :- Cost management

⭐ Service Category :- Operating

→ Service :- Monitoring
AWS :- Amazon CloudWatch
Google Cloud :- Cloud Monitoring

→ Service :- Logging
AWS :- Amazon CloudWatch Logs
Google Cloud :- Cloud Logging

→ Service :- Audit Logging
AWS :- AWS CloudTrail
Google Cloud :- Cloud Audit Logs

→ Service :- Debugging
AWS :- AWS X-ray
Google Cloud :- Cloud Debugger

→ Service :- Performance tracing
AWS :- AWS X-ray
Google Cloud :- Cloud Trace

☆ Service Category :- Security & identity

→ Service :- IAM
AWS :- Amazon Identity and Access Management
Google Cloud :- Cloud Identity and Access Management

→ Service :- Secret management
AWS :- AWS secrets management
Google Cloud :- Cloud Key Management Service

→ Service :- Threat detection
AWS :- Amazon GuardDuty
Google Cloud :- Event Threat Detection

→ Service :- Vulnerability scanning
AWS :- Amazon Inspector
Google Cloud :- Web Security Scanner

☆ Service Category :- __Machine Learning.__

→ Service :- Speech
AWS :- Amazon Transcribe
Google Cloud :- Speech-to-Text

→ Service :- Vision
AWS :- Amazon Rekognition
Google Cloud :- Cloud Vision

→ Service :- Natural Language Processing
AWS :- Amazon Comprehend
Google Cloud :- Cloud Natural Language API

→ Service :- Translation
AWS :- Amazon Translate
Google Cloud :- Cloud Translate

→ Service :- Conversational interface
AWS :- Amazon Lex
Google Cloud :- Dialogflow Enterprise Edition

→ Service :- Video intelligence
AWS :- Amazon Rekognition Video
Google Cloud :- Video Intelligence API

→ Service :- Auto-generated models
AWS :- Amazon Sage Maker Autopilot
Google Cloud :- Auto ML

→ Service :- Fully managed ML
AWS :- Amazon SageMaker
Google Cloud :- AI Platform

☆ Service Category :- Internet o/s Things

→ Service :- IoT services
AWS :- Amazon IoT
Google Cloud :- Cloud IoT

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