

Abbreviations Dictionary (200 unique, no numbering)

AI : Artificial Intelligence
ML : Machine Learning
DL : Deep Learning
NLP : Natural Language Processing
CV : Computer Vision
IOT : Internet of Things
VLSI : Very Large Scale Integration
API : Application Programming Interface
GPU : Graphics Processing Unit
CPU : Central Processing Unit
RPA : Robotic Process Automation
SQL : Structured Query Language
HTTP : HyperText Transfer Protocol
HTTPS : HyperText Transfer Protocol Secure
IP : Internet Protocol
DNS : Domain Name System
URL : Uniform Resource Locator
JSON : JavaScript Object Notation
XML : Extensible Markup Language
SDK : Software Development Kit
IDE : Integrated Development Environment
UI : User Interface
UX : User Experience
OS : Operating System
LAN : Local Area Network
WAN : Wide Area Network
VPN : Virtual Private Network
SSH : Secure Shell
FTP : File Transfer Protocol
SMTP : Simple Mail Transfer Protocol
IOE : Internet of Everything
BI : Business Intelligence
ERP : Enterprise Resource Planning
CRM : Customer Relationship Management
CNN : Convolutional Neural Network
RNN : Recurrent Neural Network
LSTM : Long Short-Term Memory
GAN : Generative Adversarial Network
BERT : Bidirectional Encoder Representations from Transformers
LDA : Latent Dirichlet Allocation
SVM : Support Vector Machine
KNN : K-Nearest Neighbors
PCA : Principal Component Analysis
HDFS : Hadoop Distributed File System
YARN : Yet Another Resource Negotiator

HIVE : Data Warehouse Software
SPARK : Apache Spark
AWS : Amazon Web Services
GCP : Google Cloud Platform
AZURE : Microsoft Azure
S3 : Simple Storage Service
EC2 : Elastic Compute Cloud
IAM : Identity and Access Management
VPC : Virtual Private Cloud
KMS : Key Management Service
EBS : Elastic Block Store
SNS : Simple Notification Service
SQS : Simple Queue Service
RDS : Relational Database Service
DMS : Database Migration Service
ETL : Extract, Transform, Load
OLTP : Online Transaction Processing
OLAP : Online Analytical Processing
DBMS : Database Management System
NoSQL : Non-relational Database
SQLITE : Lightweight Database Engine
HTML : HyperText Markup Language
CSS : Cascading Style Sheets
JS : JavaScript
TS : TypeScript
PHP : Hypertext Preprocessor
JSP : JavaServer Pages
ASP : Active Server Pages
MVC : Model View Controller
REST : Representational State Transfer
SOAP : Simple Object Access Protocol
OOP : Object Oriented Programming
FP : Functional Programming
DSA : Data Structures and Algorithms
JVM : Java Virtual Machine
JRE : Java Runtime Environment
JDK : Java Development Kit
GCC : GNU Compiler Collection
APIKEY : Application Programming Interface Key
JWT : JSON Web Token
MFA : Multi-Factor Authentication
SSO : Single Sign-On
RBAC : Role-Based Access Control
ACL : Access Control List
KPI : Key Performance Indicator
OKR : Objectives and Key Results
SLA : Service Level Agreement

DNSSEC : Domain Name System Security Extensions

TLS : Transport Layer Security

SSL : Secure Sockets Layer

MAC : Media Access Control

IPV4 : Internet Protocol Version 4

IPV6 : Internet Protocol Version 6

CIDR : Classless Inter-Domain Routing

NAT : Network Address Translation

DHCP : Dynamic Host Configuration Protocol

ICMP : Internet Control Message Protocol

BGP : Border Gateway Protocol

OSPF : Open Shortest Path First

RIP : Routing Information Protocol

MPLS : Multiprotocol Label Switching

SDN : Software Defined Networking

NFV : Network Functions Virtualization

IaaS : Infrastructure as a Service

PaaS : Platform as a Service

SaaS : Software as a Service

FaaS : Function as a Service

XaaS : Anything as a Service

BYOD : Bring Your Own Device

MDM : Mobile Device Management

SIEM : Security Information and Event Management

SOC : Security Operations Center

IDS : Intrusion Detection System

IPS : Intrusion Prevention System

DDoS : Distributed Denial of Service

WAF : Web Application Firewall

CISO : Chief Information Security Officer

CIO : Chief Information Officer

CTO : Chief Technology Officer

CEO : Chief Executive Officer

CFO : Chief Financial Officer

COO : Chief Operating Officer

VoIP : Voice over Internet Protocol

SMS : Short Message Service

MMS : Multimedia Messaging Service

GSM : Global System for Mobile Communications

CDMA : Code Division Multiple Access

LTE : Long-Term Evolution

5G : Fifth Generation Wireless Technology

4G : Fourth Generation Wireless Technology

3G : Third Generation Wireless Technology

2G : Second Generation Wireless Technology

WiFi : Wireless Fidelity

WLAN : Wireless Local Area Network

NFC : Near Field Communication
RFID : Radio Frequency Identification
IoMT : Internet of Medical Things
IoE : Internet of Everything
AR : Augmented Reality
VR : Virtual Reality
MR : Mixed Reality
XR : Extended Reality
HCI : Human-Computer Interaction
BPM : Business Process Management
SOA : Service Oriented Architecture
ESB : Enterprise Service Bus
MQTT : Message Queuing Telemetry Transport
AMQP : Advanced Message Queuing Protocol
COAP : Constrained Application Protocol
LWM2M : Lightweight Machine to Machine
OTA : Over-The-Air
PWA : Progressive Web App
SPA : Single Page Application
CDN : Content Delivery Network
UXD : User Experience Design
EDA : Electronic Design Automation
ASIC : Application-Specific Integrated Circuit
FPGA : Field-Programmable Gate Array
RTL : Register Transfer Level