

DAFTAR SINGKATAN

API	: Application Programming Interface
APD	: Avalanche Photodiode
BER	: Bit Error Rate
BiLSTM	: Bidirectional Long Short-Term Memory
CD	: Chromatic Dispersion
CLV	: Customer Lifetime Value
CRUD	: Create, Read, Update, Delete
CSV	: Comma-Separated Values
DMux	: Demultiplexer
DL	: Deep Learning
DOM	: Document Object Model
DWDM	: Dense Wavelength Division Multiplexing
ES	: Error Seconds
FEC	: Forward Error Correction
FNR	: False Negative Rate
FP	: False Positive
FPR	: False Positive Rate
GB-BiLSTM	: Gradient Boosting- Bidirectional Long Short-Term Memory
GBDT	: Gradient Boosting Decision Tree
GCP	: Google Cloud Platform
IEEE	: Institute of Electrical and Electronics Engineers
ISO	: International Organization for Standardization
ITU	: International Telecommunication Union
JSON	: JavaScript Object Notation

JWT	: JSON Web Token
LSTM	: Long Short-Term Memory
MAE	: Mean Absolute Error
ML	: Machine Learning
MSE	: Mean Squared Error
Mux	: Multiplexer
NIM	: Nomor Induk Mahasiswa
NMS	: Network Management System
OPM	: Optical Performance Monitoring
OSNR	: Optical Signal-to-Noise Ratio
OTDR	: Optical Time-Domain Reflectometer
PMD	: Polarization Mode Dispersion
QoS	: Quality of Service
RNN	: Recurrent Neural Network
S1TT	: S1 Teknik Telekomunikasi
SEO	: Search Engine Optimizer
SNR	: Signal-to-Noise Ratio
SMOTE	: Syntethic Minority Oversampling Technique
SMAPE	: Symmetric Mean Absolute Percentage Error
TP	: True Positive
TN	: True Negative
TSC	: Time Series Classification
UI	: User Interface
UX	: User Experience
VPS	: Virtual Private Server
XGBoost	: Extreme Gradient Boosting