

Maya Silvi Lydia

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Dr. Maya Silvi Lydia was inaugurated as Dean of Fasilkom-TI for the 2021–2026 period. In the same year, she was awarded as one of the best online education lecturers at USU. Dr. Maya Silvi Lydia — who was born on January 27, 1974 in Medan— received her bachelor's and master's degrees from Universiti Putra Malaysia (UPM) and her doctoral degree from Universitas Sumatera Utara. Dr. Maya is very active in practicing the Tri Dharma of Higher Education. She teaches various subjects and has graduated more than 80 people from Universitas Sumatera Utara. In terms of research, Dr. Maya has experience as a presenter at national and international scientific seminars. In addition, Dr. Maya has carried out many community service activities. She chooses to be herself and puts forward an attitude that can create change in a positive direction.

Publications

2025

Prosiding seminar internasional

BERT For Classifying Intent in Ulos Fabric and Batak Culture Learning Chatbot

SYARIFAH ATIKA , MAYA SILVI LYDIA , MUHAMMAD ANGGIA MUCHTAR

2024

Prosiding seminar internasional

Improving SVM Performance in Determining Cost and Kernel Parameter Values Through Grid Search

MAYA SILVI LYDIA , BENNY BENYAMIN NASUTION

2024

Prosiding seminar internasional

Customer Segmentation Based on Recency, Frequency, Monetary, Variety and Duration (RFMVD)

MAYA SILVI LYDIA , MUHAMMAD ANGGIA MUCHTAR , AGUS SUNDARI

2024

Prosiding seminar internasional

Improved Accuracy of Decision Tree with XGBoost Technique in Cat Skin Disease Diagnosis

MAYA SILVI LYDIA , BENNY BENYAMIN NASUTION , NANDA SAFRINA

2024

Prosiding seminar internasional

Sentiment Analysis of Multi-Social Media Platform About Medical Services Using Support Machine Vector

AMALIA , MAYA SILVI LYDIA , AMER SHARIF , Cindy Nainggolan

2023

Jurnal nasional terakreditasi

Reduksi Atribut Menggunakan Chi Square untuk Optimasi Kinerja Metode Decision Tree C4.5

ELVIAWATY MUISA ZAMZAMI , MAYA SILVI LYDIA , ANIRMA KANDIDA BR GINTING

2023
Artikel ilmiah

Optimization of Support Vector Machine Algorithm using Stunting Data Classification

MAYA SILVI LYDIA , SYAHRIL EFENDI

2022
Book chapter internasional

Natural Language Processing In Healthcare

MAYA SILVI LYDIA

2021
Book chapter internasional

Analysis of Medical Modalities for Improved Diagnosis in Modern Healthcare

MAYA SILVI LYDIA

2021
Jurnal nasional terakreditasi

Peningkatan Akurasi Metode K-Nearest Neighbor dengan Seleksi Fitur Symmetrical Uncertainty

ELVIAWATY MUISA ZAMZAMI , MAYA SILVI LYDIA , ANIRMA KANDIDA BR GINTING

2021
Prosiding seminar internasional

Robot Arm Inverse Kinematics Wrist Tilt Repair Using PID Control System (Proportional, Integrative, Derivative)

RAHMAT WIDIA SEMBIRING , MAYA SILVI LYDIA

2021
Prosiding seminar internasional

Application of Decision Tree of Classification EPL

RAHMAT WIDIA SEMBIRING , MAYA SILVI LYDIA , SYAIFUL BAHRI

2021
Jurnal internasional

Analysis of RC6-Lite Implementation for Data Encryption

RAHMAT WIDIA SEMBIRING , MAYA SILVI LYDIA , AMIN SUBANDI

2021
Book chapter internasional

Analysis of Medical Modalities for Improved Diagnosis in Modern Healthcare

MAYA SILVI LYDIA

2020
Jurnal nasional terakreditasi

Utilization of Information Technology as Media for Village Community Aspirations

MAYA SILVI LYDIA , SENIMAN , DEDY ARISANDI , INDRA AULIA

2020
Prosiding seminar internasional

Accuracy Analysis on Images Retrieval System using Radial Basis Function Algorithm and Coefficient Correlation

MAYA SILVI LYDIA , SAIB SUWILO

2020
Prosiding seminar internasional

HealFavor: Dataset and A Prototype System for Healthcare ChatBot

MAYA SILVI LYDIA

2020
Prosiding seminar internasional

Preliminary Study for identifying Rice Plant Disease Based on Thermal Images

IVAN JAYA , DIANA SOFIA HANAFIAH , MAYA SILVI LYDIA , INDRA AULIA

2019
Prosiding seminar internasional

Automatic Risk Detection System for Farmer's Health Monitoring Based on Behavior of Pesticide Use

AINUL HIZRIADI , MAYA SILVI LYDIA , EKA LESTARI MAHYUNI , INDRA AULIA

2018

Prosiding seminar internasional

Conceptual Model for Mitigating Human-Wildlife Conflict based on System Thinking

MAYA SILVI LYDIA , HERMAN MAWENGGANG , PINDI PATANA

2018

Prosiding seminar internasional

Hybrid Cryptosystem Implementation Using IDEA and Knapsack Algorithm for Message Security

DIAN RACHMAWATI , MAYA SILVI LYDIA

Researches

2018

Penelitian Unggulan Perguruan Tinggi

Sistem Identifikasi Otomatis Dampak Penggunaan Pestisida terhadap Kesehatan Petani di Kabupaten Karo

EKA LESTARI MAHYUNI , INDRA AULIA , MAYA SILVI LYDIA , JOSEF KARANSA , RHAMA PERMADI AHMAD

Community Services

2019

Ipteks Bagi Masyarakat

Pemanfaatan Computer Based Technology dalam Meningkatkan Efisiensi Penerimaan dan Seleksi Siswa Baru

RIKA ELIANA , INDRA AULIA , IVAN JAYA , MAYA SILVI LYDIA , MUHAMMAD NOOR MISYUARI , MUHAMMAD PUTRA YUSZAR , DUWI AKBAR , ANDIKA PRASETYO , M AIDIEL RACHMAN P

2018

Ipteks Bagi Masyarakat

Pemanfaatan Teknologi Informasi sebagai Media Penyaluran Aspirasi Masyarakat Desa

DEDY ARISANDI , SENIMAN , INDRA AULIA , MAYA SILVI LYDIA , RHAMA PERMADI AHMAD , Zhafar Salim , AULIA AMIRULLAH

Intellectual Property Rights

2019

Hak cipta nasional

ArDeFarm: Automatic Risk Detection System untuk Monitoring Kesehatan Petani

AINUL HIZRIADI , EKA LESTARI MAHYUNI , MAYA SILVI LYDIA , INDRA AULIA