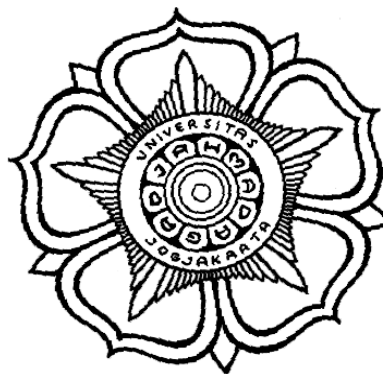


EXPLAINABLE ARTIFICIAL INTELLIGENCE AND RULE EXTRACTION IN HYBRID MODELS FOR ENHANCING THE INTERPRETABILITY OF CORONARY HEART DISEASE

THESIS



***THE SUSTAINABLE DEVELOPMENT GOALS (SDGs)
Good Health and Well-being***

proposed by:
URIP TRI PRASTOWO
23/524916/PTK/15285

**GRADUATE PROGRAM IN INFORMATION TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND INFORMATION
ENGINEERING
FACULTY OF ENGINEERING UNIVERSITAS GADJAH MADA
YOGYAKARTA
2025**

THESIS

**EXPLAINABLE ARTIFICIAL INTELLIGENCE AND RULE EXTRACTION IN
HYBRID MODELS FOR ENHANCING THE INTERPRETABILITY OF
CORONARY HEART DISEASE**

Urip Tri Prastowo

23/524916/PTK/15285

has been approved by Supervisor team

Supervisor



Dr.Eng. Ir. Igi Ardiyanto, S.T., M.Eng., IPM., SMIEEE.

Co-Supervisor



Prof. Ir. Hanung Adi Nugroho, S.T., M.Eng., Ph.D., IPM., SMIEEE.



THESIS

**EXPLAINABLE ARTIFICIAL INTELLIGENCE AND RULE EXTRACTION IN
HYBRID MODELS FOR ENHANCING THE INTERPRETABILITY OF
CORONARY HEART DISEASE**

Written by

Urip Tri Prastowo
23/524916/PTK/15285


Has been defended in front of the Board Examiners

On : **February 26, 2025**

Chief of examiner

Examiner


**Ir. Adhistya Erna Permanasari, S.T., M.T., Ph.D.,
IPM.**


**Prof. Ir. Hanung Adi Nugroho, S.T., M.Eng.,
Ph.D., IPM., SMIEEE.**

Examiner

Examiner


**Dr.Eng. Ir. Igi Ardiyanto, S.T., M.Eng., IPM.,
SMIEEE.**


Dr. Indriana Hidayah, S.T., M.T.

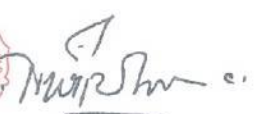
This Thesis has been submitted in partial fulfillment of the requirements
for the degree of Master of Engineering

On: **March 17, 2025**

Program Director Master of Information Technology


Dr. Ir. Rudy Hartanto, M.T., IPM.
NIP. 196403151990031003

Head of Department of Electrical Engineering and Information Technology


Prof. Ir. Hanung Adi Nugroho, S.T., M.Eng., Ph.D., IPM., SMIEEE.
NIP. 197802242002121001

