

PREFACE

This thesis is submitted as part of the requirements for obtaining a Master's degree at Telkom University. The research contained within this document represents my independent work and investigation. The study focuses on predicting BPJS *Kesehatan* cost for heart disease patients using combination of process mining and data mining techniques, aiming to to analyze and predict the costs to inform future government policies. I hope that the findings of this research offer valuable contributions to the domains of health informatics, process mining, and data mining, and that it can serve as a useful reference for future initiatives seeking to increase healthcare procedure efficiency, especially within the Indonesian context.

I would like to extend my heartfelt appreciation to everyone who has provided support throughout this journey. My deepest gratitude goes to my supervisor, as well as my family and friends, for their guidance, encouragement, and patience. Their unwavering support has been essential in helping me navigate challenges and bring this research to completion. It is my sincere hope that this thesis will make a meaningful impact in the field and provide valuable insights for future scholarly work.

Bandung,



Riska Chairunisa