

DEDICATION

I dedicate this thesis to the unwavering support and love of my family, who have been my pillars of strength throughout this challenging journey. Your encouragement, sacrifices, and belief in me have fueled my determination to reach this milestone.

Also for the love of my life, this thesis is dedicated to you. Your belief in me, your understanding during the most challenging times, and your patience when I needed it most have been the cornerstones of my success. Your presence in my life has brightened every dark corner, turning obstacles into opportunities and hardships into valuable lessons.

Finally, I dedicate this thesis to all those who inspire me to continue exploring the knowledge and making a positive impact. May this work contribute, to the greater pursuit of understanding and progress.