Contents

Abstract 3
Keywords 3
1 Introduction 5
2 State-of-the-art in Spam Filtering 7
3 Aim and Objectives of the Dissertation 9
4 Research Methodology 10
5 Datasets 11
6 Data Preprocessing and Feature Selection 12
7 Deep Neural Network Model for Spam Filtering 14
8 Comparative Spam Filtering Models 18
9 Experimental Settings 19
Hardware and Software Specification 19
Data Preprocessing 19
Data Partitioning 19
Settings of Machine Learning Methods 19
Evaluation Measures 20
10 Experimental Results 21
11 Limitations and Further Research Suggestions 24
12 Conclusion 25
The scientific contributions of the dissertation thesis include: 25
The application contributions of the dissertation thesis are as follows: 26
References 27
Publications of the Student 32
Journal papers 32
Conference papers 32