

PREFACE

Bioinformatics is one of the main branches of informatics engineering which deals with biological science. Bioinformatics uses various techniques of data mining or artificial intelligence to solve biological problem. One of the main topics in bioinformatics is microarray data analysis. Microarrays can be used to determine the level of gene expression in specific cells of human samples. The purpose is usually concerning with cancer issues. My interest in Bioinformatics has held me take the microarray data analysis for cancer detection for the topic of my thesis.

I hope this book is useful for the readers. I realize that this is far from being perfect and hopefully this lead to further research in the field of microarray analysis. May God give us useful knowledge and sincerity. Ameen.

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