

TWEET & TRADE:

ANALYSING STOCK RETURN MOVEMENT USING TWITTER SENTIMENT

JUDITH LYNDA CLAUDIUS 2014255263

BACHELOR OF BUSINESS ADMINISTRATION WITH HONOURS (FINANCE) FACULTY OF BUSINESS ADMINISTRATION UNIVERSITI TEKNOLOGI MARA KOTA KINABALU SABAH

JUNE 2017

ACKNOWLEDGEMENT

It needs lot of guidance and assistance in order for to complete this assignment. There are lot barrier that I face throughout the process. Which I face it is difficult to understand the process in doing this research.

First and foremost, I would like to express my deepest gratitude to the Almighty as with the blessing this project has successfully been concluded and for giving me strength and patience to complete this assignment.

My deepest appreciation goes to Professor Madya Dr.Imbarine Bujang, who gave me this opportunity to all the final year students to conduct this study (FIN672). Not to forget also, to my advisors, who had guide me throughout this process a big appreciation to Madam Siti Rahayu Binti Beli and Madam Sarmila Binti Udin.

I would also like to thank to all the staff Shangri-La Rasa Ria Resort & Spa who is always permit me to seek for consultant to my advisor once a week without penalizing me and always understand my effort to complete both my internship and my research paper.

Last but not least, without the willingness of my family and friends to share their knowledge with me, I will probably still not reach the conclusion of this project. Through their support, love and encouragement I am grateful to be able to complete this assignment.

TABLE OF CONTENTS

TITLE PAGE	i	
DECLARATION OF ORIGINAL WORK		
LETTER OF SUBMISSION		
ACKNOWLEDGEMENT		
TABLE OF CONTENTS		
LIST OF FIGURE		
LIST OF TABLES		
ABBREVIATIONS		
ABSTRACT		
CHAPTER 1: INTRODUCTION		
1.1 Background of study		
1.2 Problem statement		
1.3 Scope of study		
1.4 Research Objective		
1.5 Limitation of study		
1.6 Significance of the study		
1.7 Organization of the Study		
	12	

CHAPTER 2:	LITERATURE REVIEW	
2.1 Introduction		15
2.2 Theory Associated with this Study		16
2.3 Previous Related	Study	19
CHAPTER 3:	RESEARCH METHODOLOG	Y
3.1 Introduction		23
3.2 Data Description		24
3.3 Data Collection		
3.4 Research Design		
3.5 Research Sampling		
3.6 Research Hypothesis		
3.7 Data Measurement		
3.8 Theoretical Framework		
3.9 Empirical Analysis Framework		
3.10 Data Software		
3.11 Estimation Procedure		
3.12 Procedure of Panel Data		
3.13 Chapter Sum	mary	39

ABSTRACT

This research is to study the relationship between Twitter sentiment and stock return movement which consist of several selected listed companies from the KLCI stock exchange. The Twitter sentiment is to measure how the emotion of the tweet post in the internet can influence investor to make decision to do trading and the hashtag (#) symbol which can link the post to the other web. The link used in the post can make the information to spread faster than the other tools available. User of Twitter can re-tweet the post to any other blog or other social media application such as Facebook, yahoo, Instagram and so on. There is a publicly available tool that being provide by the Google Finance where it provide data of the search volume index. At the same time Trading volume and book value also involve in the measurement to indicate whether there have the correlation behavior towards the stock return. This research are taking 5 different commercial bank searched between the years of 2010 until 2015. Therefore, from the data collected the research will used it and examine using the Panel Data.