



FACTORS THAT AFFECT HOUSING PRICE IN MALAYSIA

**NOOR AUNI BINTI MOHD ROSLI
2016354065**

**BACHELOR OF BUSINESS ADMINISTRATION
WITH HONOURS (FINANCE)
FACULTY OF BUSINESS AND MANAGEMENT
UNIVERSITI TEKNOLOGI MARA (TERENGGANU)**

JANUARY 2019

ACKNOWLEDGEMENT

I would like to express my sincere gratitude to my advisor Mrs Suhaily Maizan Binti Abdul Manaf for the continuous support of my degree study and research, for his patience, motivation, enthusiasm and immense knowledge. Her guidance helped me in all the time of research and writing of this thesis. I could not imagine that I'll having a good advisor and mentor for my degree study. Besides Mrs Suhaily, I also to thanks the rest of my thesis committee Miss Ros Norita Binti Abd Samad as my second examiner.

Moreover, I also would like to say my gratitude to my beloved parent who had always been supporting me in my study, be for mentally and financially. They are the ultimate role models that keep supporting me spiritually throughout my life. Without their help and support, I would not even be here to carry out my studies.

In addition, I thank for my fellow friends who were giving me support in completing this report and I personally thanks to all pf the persons either individually or group for helping me along with completing of this study.

TABLE OF CONTENTS

LETTER OF SUBMISSION	ii
DECLARATION OF ORIGINAL WORK	iii
ACKNOWLEDGEMENT	iv
LIST OF TABLE	ix
LIST OF FIGURES	x
LIST OF ABBREVIATION	xi
ABSTRACT	xii
CHAPTER 1: INTRODUCTION	1
1.0 Introduction	1
1.1 Introduction of the Study	1
1.2 The Background of the Study	3
1.3 Problem Statement	5
1.4 Research Question	8
1.5 Research Objective	8
1.6 Scope of the Study	9
1.7 Significance of the Study	9
1.8 Limitation of the Study	10
1.8.1 Information	10
1.8.2 Cost	10
1.8.3 Inaccuracy information	10
1.8.4 Availability of Data	10
1.9 Operational Definitions	11
1.9.1 Malaysia House Price Index	11
1.9.2 Interest Rate	11
1.9.3 Inflation Rate	12

4.1	Descriptive Statistics	28
4.1.1	Mean, Maximum, Minimum and Standard Deviation	28
4.1.2	Median	29
4.1.3	Skewness	29
4.1.4	Kurtosis	30
4.1.5	Jarque-Bera	31
4.2	Pearson Correlation	32
4.3	Multicollinearity Test	33
4.4	Regression Model	34
4.4.1	$\alpha = -166.3999$	34
4.4.2	$\beta_1 = 6.610799$	34
4.4.3	$\beta_2 = -1.298605$	35
4.4.4	$\beta_3 = 9.802713$	35
4.4.5	$\beta_4 = 1.070597$	35
4.5	Coefficient of Determination – R-Squared (R^2)	36
4.6	T – Statistics (T-Stat)	37
4.7	F-Statistics (F-Stat)	38
4.8	Durbin-Watson Statistic	38
4.9	Result Analysis	39
4.9.1	Interest rate	39
4.9.2	Inflation rate	39
4.9.3	Population	40
4.9.4	Gross Domestic Product	40
CHAPTER 5: CONCLUSIONS AND RECOMMENDATIONS		42
5.0	Introduction	42
5.1	Conclusion	42
5.2	Recommendations	44

ABSTRACT

House prices mostly depends on the location of housing construction. Housing Prices in general are influenced by economics fundamentals as well as supply and demand dynamics of the local housing market. Therefore, the purpose of this this is to examine the factor that affect housing price in Malaysia. A set of data were obtained from NAPIC data, World Bank data, DataStream Professional, International Monetary Fund (IMF) data, and Thomson Reuters Eikon from year 1982 until 2017. The regression model that has been used is Ordinary Least Square (OLS) comprising 36 observations. Malaysia housing price index has been used as a dependent variable while interest rate, inflation rate, population and gross domestic product serve as an independent variable for this study. The findings show two independent variables gives positive significant relationship which is interest rate and population. However, the inflation rate has negative insignificant while the gross domestic product has positive insignificant.

Keywords: Malaysia housing price index; interest rate; inflation rate; population; gross domestic product.