UNIVERSITI TEKNOLOGI MARA

DETERMINANTS THE RELATIONSHIP BETWEEN THE MACROECONOMIC AND HOUSING PRICE IN MALAYSIA

BALQIS BINTI MOHD DIAH 2014575885

Final Year Project Paper submitted in fulfillment of the requirements for the degree of Bachelor of Business Administration (Finance)

Faculty of Business and Management

July 2020

ABSTRACT

This study aims to examine the determinants of Housing Price in Malaysia. The continuous increase of housing price in Malaysia is becoming one of the hot issues discussed these days. Thus, this study would like to investigate the significant relationship among the housing price and macroeconomics variables that affect the housing prices. The macroeconomics variables chosen are gross domestic product, interest rate, exchange rate, unemployment rate, population growth and net income in Malaysia. Decretive analysis, Test for Stationary, Normality Test, Correlation Analysis, Autocorrelation Test, Heteroscedasticity Test, Test of Functional and Multi Linear Regression model are the method implemented to this study. This study will be done based on annually time series data over the period from 1989 until 2019 with 30 observations. The findings benefit various parties such as investors, policy makers, housing developers, speculators and home buyers. The results concluded that gross domestic product, interest rate, net income and unemployment rate have the major effects in determining the housing price.

ACKNOWLEDGEMENT

All thanks are due to Almighty Allah, the compassionate and merciful, who knows about whatever is there in the universe, hidden and evident, and has enabled us to clarify a drop from the existing ocean of knowledge.

First of all, I would like to thank Universiti Teknologi Mara (UITM) for giving this golden opportunity to conduct this study. This have let to learn on the way to conduct a study and we have gain experience while conducting this study.

Secondly, I am highly indebted to, Mr. Husnizam bin Hosin, who encourage, guide and support me from the initial to the final stage of study. His encouragement and support have made all of the difference. This study will not be successful without the proper guidance as well as his patience and encouragement to complete this study. Mr. Husnizam was also giving valuable advice to help me in this study when I are facing some difficulties and he is giving her best effort to teach us until we understand what I supposed to do with this study.

Thirdly, I also like to thank coordinator, Mrs. Nur Fazlin bin Uteh for giving us useful suggestions and correcting the mistakes in study. With these suggestions regarding the relevant study, I am able to amend and improve our study.

Last but not least, I would like to thank to parents and friends who had given support and help while I were in need for assistance. Not to forget, my thanks and appreciations also go to my colleague in developing the project and people who have willingly helped me out with their abilities.

TABLE OF CONTENTS

| | Page |
|-----------------------------------|------|
| AUTHOR'S DECLARATION | 1 |
| ABSTRACT | iii |
| ACKNOWLEDGEMENT | iv |
| LIST OF TABLES LIST OF FIGURES | |
| | |
| LIST OF SYMBOLS | xi |
| LIST OF ABBREVIATIONS | XII |
| CHAPTER ONE INTRODUCTION | 1 |
| 1.1 Introduction | 1 |
| 1.2 Research Background | 2 |
| 1.3 Problem Statement | 3 |
| 1.4 Research Questions | 5 |
| 1.4.1 Main Research Question | 5 |
| 1.4.2 Specific Research Question | 5 |
| 1.5 Research Objectives | 5 |
| 1.5.1 Main Research Objective | 5 |
| 1.5.2 Specific Research Objective | 6 |
| 1.6 Significance of the Study | 6 |
| 1.6.1 Researcher | 6 |
| 1.6.2 Government | 6 |
| 1.6.3 Investor | 7 |
| 1.7 Scope of the Study | 7 |
| 1.8 Limitation of the Study | 7 |
| 1.9 Definition of Key Terms | 7 |
| 1.10 Summary | 8 |

| CH | CHAPTER TWO LITERATURE REVIEW | | |
|----------------------------|-------------------------------|---|----|
| 2.1 | Int | roduction | 9 |
| 2.2 | Но | using Price Index | 9 |
| 2.3 Un | | employment Rate | 10 |
| 2.4 Int | | erest Rate | 12 |
| 2.5 Ex | | change Rate | 15 |
| 2.6 Population | | 17 | |
| 2.7 Gross Domestic Product | | 19 | |
| 2.8 Net Income | | 22 | |
| 2.9 Research Framework | | search Framework | 25 |
| 2.10 |) Su | mmary | 26 |
| СН | APTE | R THREE RESEARCH METHODOLOGY | 27 |
| 3.1 | Int | roduction | 27 |
| 3.2 | Sar | mpling Data | 27 |
| | 3.2.1 | Sampling size | 27 |
| | 3.2.2 | Target Population | 27 |
| | 3.2.3 | Sampling Technique | 28 |
| 3.3 | Da | Data Collection | |
| 3.4 | Va | Variables | |
| 3.5 | Re | Research Design | |
| 3.6 | Ну | Hypotheses Statement | |
| 3.7 | Re | search Methodology | 33 |
| | 3.7.1 | Descriptive Analysis | 33 |
| | 3.7.2 | Test for Stationary: Unit Root Test | 34 |
| | 3.7.3 | Normality Test | 34 |
| | 3.7.4 | Correlation Test: Covariance Analysis | 35 |
| | 3.7.5 | Autocorrelation – Serial Correlation Test | 35 |
| | 3.7.6 | Heteroscedasticity Test | 36 |
| | 3.7.7 | Test on Functional Form | 36 |
| | 3.7.8 | Multiple Linear Regression Model | 37 |
| 3.8 | Su | Summary 39 | |