

UNIVERSITI TEKNOLOGI MARA



**DETERMINANT FACTORS OF PART-TIME EMPLOYMENT
AMONG UNDERGRADUATE STUDENTS**

**AMIR IMRAN BIN RAMLI
MUHAMMAD AFIF AKMAL BIN MD ALKHAN
MUHAMMAD MUZAIMY BIN RAHEMI**

**BACHELOR OF SCIENCE (HONS.) STATISTICS
FACULTY OF COMPUTER AND MATHEMATICAL SCIENCES**

JUNE 2021

ABSTRACT

Part-time job is a form of employment where a worker performs a certain number of hours less than a full-time worker. Part-time job is one of the most popular ways for university students to earn extra income. There are several reasons in which drive the students to do part-time job as a big commitment to survive with their own pocket money and family's budgeting finance and their study flexibility as they are not able to go to university. Thus, this study's aim is to focus on determinant factors in venturing part time work among university students in Malaysia. A total of 212 students participated in this study. Respondents were given an online survey with a certain set of questions regarding part-time jobs. Logistic regression analysis was used to determine the purposes of doing part time job while studying. Hosmer and Lemeshow test ($p=0.013$) reveals that the model was a good fit for the data when compared to the 0.05 significant level. Cox Snell R^2 and Nagelkerke R^2 provide 27.4% and 36.6% total variation respectively which related to all independent variables included. The model efficiently predicts the overall outcome which was students that work part-time with 71.5% accuracy. Wald statistics shows that the perception, financial constraint and working experience, ($p=0.000$) were significant. It showed that all the variables are affecting the influence of students to work part-time.

ACKNOWLEDGEMENT

IN THE NAME OF ALLAH, THE MOST GRACIOUS, THE MOST MERCIFUL

First and foremost, we are grateful to Allah S.W.T for giving us blessing with strength and good health to fulfill the requirement and to complete this final year project successfully.

Secondly, we would like to express our deepest gratitude to our supervisor, Madam Nurdia Azlin Binti Ghazali for her kindness in providing us with knowledge, guidance, and advice in order to complete this project. We sincerely hope that our supervisor will be able to continue in helping students and thus, have a great life. Without her help, we would all be lost in partaking this project.

This project would also have been impossible without the help of our language editor, Madam Fatin Aliyah Binti Hassan for her kindness in helping, and spare some of her time to check our project in terms of language and therefore help in completing our final year project.

We would also like to thank our family for their blessings and support for us to complete this project. We are also grateful to have our lecturers, classmates and course mate who have provided us with knowledge as well as emotional support.

Finally, we are thankful to everyone who had contributed directly or indirectly in this project for their cooperation.

TABLE OF CONTENTS

ABSTRACT	i
ACKNOWLEDGMENT	ii
TABLE OF CONTENTS	iv
LIST OF TABLES	v
LIST OF FIGURES	vi
Chapter 1 Introduction	1
1.1 Background of Study	1
1.2 Problem Statement	4
1.3 Research Objectives	4
1.4 Research Question	5
1.5 Research Hypothesis	5
1.6 Significance of Study	5
1.7 Scope and Limitation	6
Chapter 2 Literature Review	7
2.1 Introduction	7
2.2 Defination of Concept	7
2.2.1 Part-Time Employment	7
2.3 Factors of Part-Time Employment Among Undergraduate Students	9
2.3.1 Financial constraint	9
2.3.2 Working Experience	11
2.3.3 Perception	12
2.4 Conclusion	14
Chapter 3 Methodology	15
3.1 Introduction	15
3.2 Research Design	15
3.3 Population and Sample	16
3.4 Sampling Design	17
3.5 Data Collection Method	19
3.6 Instrument	19
3.6.1 Measure of Reliability	21
3.7 Method of Data analysis	21
3.7.1 Descriptive Analysis	21
3.7.2 Logistic Regression Analysis	22
3.7.3 Omnibus Test	25
3.7.4 Hosmer-Lemeshow Test	25

3.7.5	Cox and Snell R^2 and Nagelkerke R^2	26
3.7.6	Predictive Efficiency Model (Classification Table)	27
3.7.7	Wald Statistics	27
3.7.8	Odd Ratio	28
3.8	Conclusion	29
Chapter 4	Result Analysis	30
4.1	Introduction	30
4.2	Reliability Statistics of Actual Study	30
4.3	Demographic profile of the respondent	31
4.3.1	Status of The Respondent by Gender	31
4.3.2	Semester	32
4.3.3	Culmulative Grade Point Average(CGPA)	32
4.3.4	Financial Support	33
4.4	Factor that Influences Students To Work Part-Time	33
4.4.1	Omnibus Test	33
4.4.2	Hosmer And Lemeshow Test	34
4.4.3	Cox & Snell R^2 And Nagelkerke R^2	34
4.4.4	Classification Table	35
4.4.5	Wald Statistics	35
4.4.6	Odd Ratio	36
Chapter 5	Conclusion and Recommendations	37
5.1	Conclusion	37
5.2	Recommendations	38
APPENDIX A		43