INDUSTRIAL TRAINING REPORT

AT

SCHOOL OF MEDICAL SCIENCES

UNIT BIOSTATISTICS & RESEARCH METHODOLOGY

UNIVERSITI SAINS MALAYSIA

BY

NUR SYUHAIDAH BINTI TALIB

(2012691728)

REPORT

SUBMITTED TO

FACULTY OF COMPUTER AND MATHEMATICAL SCIENCES

UNIVERSITI TEKNOLOGI MARA

AS PART OF REQUIREMENT

FOR

BACHELOR OF SCIENCE (HONS) (STATISTICS)

JANUARY 2015

ACKNOWLEDGEMENT

بِسْمِ اللهِ الرَّحْمٰنِ الرَّحِيمِ

"In the name of Allah the most Gracious, the Most Merciful"

Alhamdulillah, praise to Allah S.W.T. the Lord of the universe, for his wisdom, strength and blessings. Without His Grace and Mercifulness, this report may not be completed on time. Peace and blessing of Allah be upon His Messenger, Muhammad S.A.W.

Firstly, I would like to give a special thanks to my supervisor, Dr. Wan Nor Arifin Bin Wan Mansor and I am also sincerely extended my thankful to my co-supervisor, Dr. Najib Majdi Bin Yaacob for their guidance, support and encouragement in helping the progression and smoothness to complete this report.

Not to be forgotten, I also take this opportunity to express my pleasure to my generous supervisor at Universiti Teknologi MARA Kota Bharu, Kelantan, YM Puan Tengku Muhaini Binti Tuan Mat, for the support and guidance to complete my report in the industrial training. Many thanks to my friends, no matter big or small cooperation have given me much contribution to shape my report.

Last but not least, I would like to thank my family especially my beloved parents, Talib Bin Omar and Noor Lidaa Binti Mohd Nor for their encouragement and supporting me spiritually throughout my life.

JANUARY 2015   NUR SYUHAIDAH BINTI TALIB

ABSTRACT

This project focuses on the validity and reliability of a questionnaire for evaluating seatbelt attitude and seatbelt practice towards road traffic regulations among residents in Kubang Kerian, Kelantan. The road traffic regulation is defined as a system of organizational and technical measures designed to increase the speed and safety of traffic. The essence of road traffic regulation is to make certain actions obligatory, forbidden, or recommended for drivers of vehicles and for pedestrians in the interests of ensuring speed and safety. Lack of driver's attitudes and practices against the road traffic regulation would cause road traffic accidents. Accidents occur when a vehicle on the road that collides with an object or another vehicle. The purpose of this paper is to determine the validity and reliability of the questionnaire on seatbelt attitude and practice towards road traffic regulations among residents in Kubang Kerian, Kelantan. This study involved 150 of respondents by using cross-sectional study. This study was done by distributing questionnaires to all residents in Kubang Kerian, Kelantan. The result shows that only one item remaining for each seatbelt attitude and seatbelt practice in Exploratory Factor Analysis (EFA). In conclusion, only one item was valid for seatbelt attitude and seatbelt practice, but there is less reliable for both seatbelt attitude and seatbelt practice. Thus, improvement should be performed in order to increase the validity and reliability of a questionnaire.

Keywords: Attitude, Practice, Road Traffic Regulations

TABLE OF CONTENTS

CHAPTER 3: LITERATURE REVIEW

CHAPTER 4: METHODOLOGY

CHAPTER 5: FINDINGS AND DATA ANALYSIS