User Manual

LAPR2 | LANGUAGE SKILLS MODULE

Content

User Manual Structure Guidelines (from cover to annexes) \_ structure to develop the VaxCare application User Manual.

User Documentation offers information for the users to use the product successfully.

User Manual Structure Guidelines Cover

* Document title, authors, institution ID, date (copyright info)

VaxCare

Backloggers

1210816, 1211061, 1211063, 1211073, 1211076

* Glossary Relevant terms and abbreviations used in the document
* Table of contents \_ List of sections, numbered, including the start page (index)

1. Introduction
   1. Purpose and Scope (of the manual: what kind of information it contains, and who it is addressed to)

This user manual contains all the useful information regarding the developed application, in the simplest way, so that the users which are the target of this document, can easily learn and understand how to use the VaxCenter.

* 1. System Overview (overall description of the application: objectives and scope, structure and main features, highlighting the core modules, using a diagram)
  2. System Requirements (e.g., which OS, version and service packs are needed for the application to work; how much disk space, RAM, and/or processor speed are required)

The app can be run in every operating system.

* 1. Software Installation (procedure and relevant specifications to install the application)

1. System Features
   1. Feature # (feature/function title and description of how to use it, including exemplification print screens of the respective interface)
   2. Feature # (feature/function title and description of how to use it, including exemplification print screens of the respective interface)
   3. Feature # (feature/function title and description of how to use it, including exemplification print screens of the of the respective interface)
   4. …. \_as many as needed
2. Troubleshooting \_ Issue # (list of possible situations that might help the user identify and solve various issues that may occur while using the application) Contacts (Helpdesk or Support Center - students)
3. FAQs \_ Q # customer’s possible question A # short, direct, accurate answer … (a short reference guide – a list –, along with answers to the most common questions customers might ask about the application) \_ as many as needed \_

Annexes \_

# Annex A. \_ MATCP \_ MATCP related content (detailed on the next slides)

# Annex B. \_ MDISC \_ MDISC related content (detailed on the next slides)

Linear Regression

1 Simple Linear Regression

1.1 Overview of Simple Linear Regression (Brief theoretical description.)

1.2 Simple Linear Regression Model

1.2.1 Model significance (Brief explanation of the results obtained by the Anova table, including the information of coefficient correlation.)

1.2.2. Hypothesis tests for model coefficients (Brief explanation of the regressor meaning/significance. The test decision must be obtained for significant levels of 1% and 5%.)

1.2.3 Confidence intervals for prediction values (Construction of confidence intervals for prediction values with confidence levels of 90% and 95% with a brief explanation of the results.)

Linear Regression

2 Multiple Linear Regression

2.1 Overview of Multiple Linear Regression (brief theoretical description)

2.2 Multiple Linear Regression Model

2.2.1 Model significance (Brief explanation of the results obtained by the Anova table, including the information of the coefficient determination.)

2.2.2. Hypothesis tests for model coefficients (The test decision must be obtained for significant levels of 1% and 5%. Brief explanation of each regressor meaning/significance.)

2.2.3 Confidence intervals for prediction values (Construction of confidence intervals for prediction values with confidence levels of 90% and 95% with a brief explanation of the results.)

1 Sorting clients by arrival time, or by leaving time

1.1 Introduction (Short introduction to the problem at hands and presentation of the implemented algorithms pseudocode.)

1.2 Runtime tests for inputs of varying sizes (For varied-length time intervals, observe the algorithms execution time, complementing it with a graph presenting the asymptotic growth of the execution time, according to the input size.)

1.3 Worst-case time complexity analysis (Analysis of the time complexity in the worst case of each algorithm, accurately explained.)

2 Evaluation of the effectiveness of the vaccination center’s response

1.1 Introduction (Short introduction to the problem at hands and presentation of the pseudocode of the implemented brute-force algorithm.)

1.2 Runtime tests for inputs of varying sizes (For varied-length time intervals, observe the algorithms execution time, both the implemented and the reference one, complementing it with a graph presenting the asymptotic growth of the execution time, according to the input size.)

1.3 Worst-case time complexity analysis (Analysis of the time complexity in the worst case of the developed brute-force algorithm, accurately explained.)