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EDUCBA

SPSS Certification Course

Email Contact: info@educba.com

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Course Overview

It is an amazing collection of practical and hands-on learning of the most updated training programs and projects in the area of SPSS Tool and its application.

You would learn Descriptive Statistics, Correlation Technique, Regression Modeling, Logistic Regression, Multinomial Regression using SPSS

It will help you learn to interpret data for statistical analysis.

SPSS Training Skills

We learn the following skills:

- Data analysis skill: – data analysis is the first step toward a career in business intelligence, machine learning, big data, and many other fields. SPSS course teaches fundamental and highly useful data analysis skill from a beginner level.

- SPSS skills: – Having a certification in SPSS pay wells in long term. As it is niche skill, a lot of people are not aware and hence

Course Features

Course Duration- 14 + Hours

7 Number of Courses

Verifiable Certificates

Lifetime Access

Technical Excellence

About SPSS

SPSS is a data analysis software which is quite old and provides robust functionality. SPSS is used for interactive or batched statistical analysis.

SPSS is completely based on statistics and machine learning capability has been made available recently, still, it does quite well in terms of data analysis.

SPSS is easy to use, is quite flexible and scalable which makes it very useful for all skillset peoples and all employees of an organization from intern to C level executives.

SPSS Course

This is a Bundle Course that includes complete in-depth SPSS Learning Courses combined into one Complete Course.

This Bundle perfectly meets the requisite of the industry and gives you a better chance of being hired as a SPSS Learning professional.

1 SPSS:01 – Descriptive Statistics

Section 1. Importing Dataset

- Importing Datasets in Text and CSV
- Importing Datasets xlsx, xls Formats

Section 2. Understanding User Operating Concepts

- Understanding User Operating Concepts
- Software Menus

Section 3. Implementation Using SPSS

- Understanding Mean Standard Deviation
- Other Concepts of Understanding Mean SD
- Implementation Using SPSS

Section 4 . Practice Files

- PPT and PDF Files

2 SPSS:02 – Correlation Techniques

Section 1. Importing Dataset

- Basic Correlation Theory
- Interpretation
- Implementation

Section 2. Interpretation and Implementation on Datasets

- Data Editor
- Simple Scatter Plot
- Heart Pulse
- Statistics Viewer
- Heart Pulse (Before and After RUN)

Section 3. Interpretation and Implementation of Datasets Example

- Interpretation and Implementation on Datasets Example 1
- Interpretation and Implementation on Datasets Example 2
- Interpretation and Implementation on Datasets Example 3
- Interpretation and Implementation on Datasets Example 4

Section 4. Practice Files

- PPT and PDF Files

3 SPSS:03 – Linear Regression Modeling

Section 1. Introduction of Octave

- Introduction to Linear Regression
- Modeling Using SPSS

Section 2. Interpretation of Attributes

- Linear Regression
- Stock Return
- T-Value
- Scatter Plot Rril v/s Rbse
- Create Attributes for Variables
- Scatter Plot ☐ Rify v/s Rbse
- Regression Equation
- Interpretation
- Copper Expansion
- Copper Expansion Example
- Energy Consumption
- Observations
- Energy Consumption Example
- Debt Assessment

Section 3. Practice Files

- PPT and PDF Files

SPSS:04 – Multiple Regression Modeling

4

Section 1. Introduction

- Introduction to Basic Multiple Regression

- Important Output Variables

Section 2.Example

- Multiple Regression Example Part 1

- Multiple Regression Example Part 2

- Multiple Regression Example Part 3

- Multiple Regression Example Part 4

- Multiple Regression Example Part 5

Section 3. Practice Files

- PPT and PDF Files

5 SPSS:05 – Logistic Regression

Section 1. Introduction

- Understanding Logistic Regression Concepts
- Working on IBM SPSS Statistics Data Editor
- IBM SPSS Viewer

Section 2. Implementation using MS Excel - Example

- Variable in the Equation
- Implementation Using MS Excel
- Smoke Preferences
- Heart Pulse Study
- Variables in the Equation
- Smoking Gender Equation
- Generating Output and Observation
- Interpretation of Output Example

Section 3. Practice Files

- PPT and PDF Files

6 SPSS:06 – Multinomial Regression

Section 1. Introduction

- Introduction to Multinomial-Polynomial Regression
- Example 1 Health Study of Marathoners
- Note
- Case Processing Summary
- Model Fitting Information
- Asymptotic Correlation Matrix

Section 2. Understanding Dataset and Generating Output

- Understanding Dataset
- Generating Output

Section 3. Interpretation of output

- Parameters Estimates
- Asymptotic Correlations Metrics
- Interpretation of Output
- Interpretation of Estimates
- Understand Interpretation

7 SPSS:07 – Analyze Data for Statistical Analysis

Section 1. Introduction

- Introduction to SPSS
- Data entry of a Questionnaire format
- Data entry of MCQ question
- Arranging columns in Asc, Desc order
- Input Likert Scale
- Analyse mean, median, mode

Section 2. Basic Data Management

- Basic data operation
- Data deleting & filtering
- Opening an excel file in SPSS
- Performing independent samples t-test
- Performing paired t-test

Section 3. Correlation Analysis & Tests

- Parameters Estimates
- Asymptotic Correlations Metrics
- Interpretation of Output
- Interpretation of Estimates
- Understand Interpretation

Frequently Asked Questions

How good is the market of SPSS? Will I get a job after the SPSS course?

SPSS has a strong market and a large list of customers who uses it. They are always in need of good people who are well skilled in SPSS and thus there is always a demand of quality workforce. If students learn the skill very well, they are very likely to get the job after the completion of course.

How is this SPSS certification course better than others in the market?

This course provides a lot of examples and practice material which is the biggest USP of this online training, whereas most of the other course only focus on theory or are very short in nature, this SPSS certification course is quite detailed and comes with mini-projects as well. Thus students learn almost all require functions of SPSS.

Customer Reviews

"

This course was a solid refresher on running linear regressions in SPSS. The instructor's pace was just right to keep up with minimal pausing. While the videos were very valuable, the real asset was having some practice data to work with. Nice Learning experience!

Evan John Halbach

"

This was a very good basic introduction to SPSS and how to use it in an overall manner. Those who are new to SPSS can definitely go for this course, you will get familiar with what the overall layout of the program is, how it works and what the most important buttons do, and then you can get started working on it.

Hector Aguado

This SPSS certification course was an excellent refresher geared at and probably most suitable for those who have some basic familiarity with statistical analysis but would like to sharpen up their skills. The speaker's voice and speed made comprehension quite easy, the video quality excellent, and included practice templates adequate.

Evan J. Halbach

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SPSS Certification Course

For Queries please contact:

Email : info@educba.com