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# Minitab Training

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# EDUCBA

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[www.educba.com](http://www.educba.com)

# Course Overview

This Minitab training will help you learn Predictive Modeling, Analysis of Variance ANOVA, Correlation Techniques, Regression Modeling using Minitab Software.

# Minitab Training Skills

We learn the following skills:

Minitab teaches important data analysis skills. These skills are taught in such a generic way that the user can apply this with other data analysis software as well.

Data Cleaning, transformation, correlation, Anova, Chi-squared test, regression, multiple regression and charts preparation are some of the techniques that the users will learn from this Minitab training. They also learn how to perform these analyses in excel as well.

# Course Features



Course Duration- 16 + Hours



Number of Courses



Verifiable Certificates



Lifetime Access



Technical Excellence

# About Minitab

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Minitab is a statistical software which was developed by the University of Pennsylvania in 1972.

It is used mainly for data analysis, statistical pattern detection, and application of statistics in data crunching.

Minitab automates calculation, generate graphs and provide other such functionality which ensures that the user focuses on data analysis and interpretation of results only.

# Minitab Course

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This is a Bundle Course that includes complete in-depth Minitab 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 Minitab Learning professional.



# Minitab:01- Application to Predictive Modeling (Descriptive Statistics)

## Section 1. Descriptive Statistics, Means, Standard Deviation

- Customer Complaints-Observations
- Descriptive Statistics
- NAV Prices - Observations
- Results for NAV Prices
- Observation
- Continue on Interpretation and implementation using Minitab
- Understanding, Interpretation and implementation using Minitab
- Resting Heart Rate Observations
- Results for Loan Applicant MTW  
Applicant MTW
- Features of T- Test

## Section 2. Minitab and its applications to Predictive Modelling

- Anova and Control Charts
- Non Linear Regression
- Introduction of Predictive Modeling

# 2

## Minitab:02-Analysis of Variance ANOVA in Minitab

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### Section 1. Introduction

- Pairwise Comparisons
- Understanding and Implementation of ANOVA
- Features of Chi - Test
- Preference and Pulse Rate
- Diffe. btw Growth Plan ad Dividend Plan in MF
- Checking NAV Price and Repurchase Price

# 3

## Minitab:03 – Correlation Techniques

### Section 1. Introduction

- Interpretation of Correlation Values
- CT Implementation Using Minitab
- Basic Correlation Techniques

### Section 2. Implementation using Minitab

- Results for Return
- Correlation Values - Observations
- Correlation Values - Interpretations
- Heart Beat - Objective
- Heart Beat - Interpretation
- Demographics and Living Standards
- Demographics and Living Standards - Observation
- Graphical Implementation
- Add Regression Fit
- Scatterplot with Regression
- Scatterplot of Rhdeq vs Rhcap

# 4

## Minitab:04 – Regression Modeling

### Section 1. Basic Regression Modelling

- Introduction to Regression Modeling
- Identify Independent Variable
- Regression Equation
- Tabulating the Values

### Section 2. Interpretation and Implementation on Data sets

- Interpretation and Implementation on Data Sets
- Significant Variable
- Calculating Corresponding Values
- Identify Dependent Variable
- Generate Descriptive Statistics
- Scatterplot of Energy Consumption
- Identity Equation
- P- Value and T- Value
- Changes in Tem. and Expansion
- Objective of Stock Prices
- Interpretations of Example 5
- Reliance Return Change
- Generate Predicted Values
- Scatterplot Return RIL

### Section 3. Basic Multiple Regression Interpretation and implementation on Data

- Basic Multiple Regression
- Basic Multiple Regression - Interpretation
- Generate Basic Statistics
- Working on Scatterplot
- Dependent Variable Objective
- Concept of Multicollinearity
- Identify Dependent Variable Y
- Outputs and Observation
- Calculate with and without Flux
- Scatterplot of Heart FLux Vs Insolation
- Interpretation of Datasets
- Implementation of Datasets
- Display Descriptive Statistics

# 4


## Minitab:05- Predictive Modeling using Microsoft Excel

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### Section 1. Introduction

- Implementation Using Correlation
- Implementation of T - Test
- Implementation Using Regression
- Implementation of ANOVA
- Descriptive statistics - Input Range
- Implementation of Descriptive Statistics
- Using Data Analysis Toolpak





# Frequently Asked Questions

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Is this field growing? Is there enough demand for data analysis people?

Yes. Data analysis is a growing field and the proof of this could be continuous growth in data. With the advent of social media, mobile devices and large-scale use of the internet, data volume is growing and hence the need to analyse the data is also growing.

Do I need to be very good with mathematics and statistics to understand this Minitab training course?

One need not a master's in mathematics or statistics to learn this course. But if you have an enquiring mind and if enjoyed your mathematics classes in school and college, you are fit for the course. You don't need to revise any of those materials, neither do you need to fear. The only requirement is that the candidates should have interested in the subject.

How is this Minitab training course different from other data analysis courses available in the market?

This Minitab training teaches three tangible skills: data analysis, Excel and Minitab. There are only a few courses which do that. Having knowledge in all three ensures that the candidates get a good exposure on the subject and also better prospects from a career point of view.



# Customer Reviews

“

The course helped me to get insights on the various hypothesis that are done to do the predictive analysis which helps us to make observations and also make predictions and analyze the behavior of the trend, also working on minitab was a great experience wherein getting the descriptive analysis is much more easier than excel.

Atish Palav

”

The course training on predictive modeling is again a superb brilliant course from educba. The training on predictive modelling gives immense knowledge on the area of predictive analytics, machine learning and various other areas which are linked with predictive modeling. Good course with examples on how to implement predictive modeling. Thank you educba.

Abhijeet Prithviraj Patil

”

In this course named “Predictive modeling and implementation using MS excel”, i learned about the statistical calculation using excel. the course is very comprehensive and easy to memorize because of the expertise of the lecturer. with this course i can avoid many error when doing statistical calculation like Anova. it also helps me to save time. THANKS EDUCBA

Seyni Boubagar



**EDUCBA**

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# **Minitab Training**

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For Queries please contact:

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