

Online Data Analytics Training

Dive into the fascinating world of Analytics

Duration: 4 weeks | Certified Training | Powered by Analytics Vidhya

About Data Analytics Training

The Internshala Online Training Program on Data Analytics is a 4-weeks training program in the fields of Basic Analytics, MS Excel, Statistics and Predictive Modeling. As a part of this Data Analytics training, students will make a 3 variable regression model as the final project. Students will learn how to define the business problem, generate hypotheses, explore and clean data, build and validate a regression model and interpret the results. They will be provided with datasets for model building and a business problem statement. The detailed solution for the project will also be provided. Following are the detailed table of contents of the training:

Table of Contents

1. **Introduction:** *You will be introduced to the fundamental concepts of analytics.*

- Business Analytics
- Analytics Spectrum - I
- Analytics Spectrum - II
- Common Terms
- Applications
- Careers
- Case Study - I
- Case Study - II

2. **Excel:** *Learn advanced concepts of Excel- lookup, pivot tables, and charts.*

- Basics
- Formulas
- Referencing
- Basic Functions
- Advanced Functions
- VLOOKUP/ HLOOKUP
- Pivot Table - I
- Pivot Table - II
- Pivot Table - III
- Conditional Formatting
- Charts
- Types of charts
- Selecting chart -I
- Selecting chart -II
- Selecting chart -III

3. **Statistics:** *Learn the key concepts of statistics, probability, and binomial distribution.*
 - Introduction
 - Basics
 - Mean
 - Median
 - Mode
 - Measures of Dispersion
 - Uses of dispersion
 - Case Study
 - Probability
 - PDF
 - Binomial Distribution
 - Normal Distribution
 - Central Limit Theorem
 - Estimations
 - Hypothesis Testing
 - Type I/II Errors
 - Case Study

4. **Modeling:** *Study about regressions, data manipulations and how to build business models.*
 - Introduction
 - What is it?
 - Types
 - Correlation
 - Simple Regression
 - Multiple Regression
 - Business Problem
 - Hypothesis Generation
 - Data Manipulations
 - Model Building
 - Case Study Part I
 - Case Study Part II
 - Case Study Part III
 - Case Study Part IV
 - Applications

Excited to learn Data Analytics, click [here](#) to sign-up for the training.

FAQs

What is this training program about?

This is an online training program in the field of Data Analytics. Students will be trained in the Basics of Data Analytics, Excel, Statistics, and Predictive Modeling.

What would be the training content? Who would be my instructor?

The training will cover the basics of Analytics, Excel, Statistics, and Predictive Modeling. The training content has been developed in joint collaboration with Analytics Vidhya - India's leading Analytics

Knowledge Portal. Analytics Vidhya team will be the one clearing your doubts through live chat and answer your queries on the forum.

What are the benefits of joining this training program?

Analytics is one of the hottest career tracks of the 21st century and is expected to be the next big thing. As per a recent NASCOM report, there would be a shortage of about 200,000 analytics

Professionals in India by 2015 - so rapid is the surge in demand. This introductory training will help you lay a strong foundation on which you can build your Analytics career.

What are the timings of this training program?

As this is a purely online training program, students can choose to learn at any time of the day. We will recommend a pace to be followed throughout the program, but the actual timings can be decided by students according to their convenience.

Will there be a certificate provided at the end of the training?

Yes, a certificate will be provided by Internshala upon completion of the training. Students may download a soft copy of the certificate through our portal.

Who can join?

Anyone with an interest in Analytics (College students (every stream and year) & Working Professionals) are eligible to join this program. Please note that this is a beginner level training.

How will the training be imparted?

Training will be delivered using state of the art online tutorials and interactive exercises provided. Experts from Analytics Vidhya will be available to clear your doubts through live chat and will be answering your queries on the Q&A forum. Please note this is NOT an instructor-led training.

How would you solve my doubts and queries?

We shall have an online doubt clearing system (live chat + forum) in place to address your doubts.

What is the duration of this training?

This is a 4 weeks training.

Will there be any project that I will get to work on?

Yes. At the end of the course, you will make a 3 variable regression model all by yourself. The problem statement and solutions for this regression model project will be provided.

I am a beginner/advanced user, is this training program for me?

This program would be better suited to beginners who have no prior knowledge of analytics.

Are there any pre-requisites for joining this program? This program is for beginners. There are no pre-requisites.

Will I be able to download the training content?

Yes, you can download entire training content towards the end of your training. The download link will be available on your home page 18 days after the start of your training till the end of your training.

Can the material be used by a group of students?

No. These trainings are meant for individual users. Multiple users will not be allowed to access the portal using the same account.

If you have any queries or doubts regarding the training, please write to us at trainings@internshala.com or call us on +91 85860 80747.