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 **Eduranz**
Enhance your Career



DATA SCIENCE CERTIFICATION TRAINING

ABOUT EDURANZ

Our head office is located in Jaipur, India and other branch offices are located in Dubai and Oman. Having more than two decades worth of experience in Technical Consultancy, Infrastructure Management, and IT, we are focusing on creating an ecosystem for e-learning and quality education. We have a world class team of experts in the field of IT and e-learning. Eduranz aims to provide learning services around the globe to learners who wish to pursue online courses from our Learning Management System. We are fully committed to help our learners in achievement their career goals.

**COMMITTED TO HELP
YOU ACHIEVE YOUR
CAREER GOALS.**

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ABOUT THE COURSE

INSTRUCTOR LED TRAINING

42 Hours of interactive live online class from well experienced instructors



EXERCISE AND PROJECT WORK

56 Hours of multiple hands-on experience with industry oriented capstone project



SELF PACED LEARNING

25 Hours of Self Paced Learning videos



24/7 SUPPORT

Dedicated support team ready to resolve your query 24/7



CERTIFICATE AND PLACEMENT ASSISTANCE

Industry recognized certificate and placement assistance



Why take this course?



Demand of Data Scientists

A data scientist is a professional who is responsible for collecting, analyzing, and interpreting huge amounts of data. The role of data scientists is a deviation from various traditional technical roles, including mathematicians, scientists, statisticians, and computer specialists.

According to Indeed, average salary of a Data Scientist is Rs. 8,13,533 per year, in India, which ranges from Rs. 1,46,000 to Rs. 20,43,000 per year. On the other hand, in the US it is \$124,220 per year.

Analytics India Magazine reported that the landscape of Data Science is projected to double its size by the year of 2025 (in 2019 it was 3.03 billion). So, this is surely the right time to make a career as a Data Scientist. Data Scientists are the highest paying professionals in the industry.

This course is designed and structured by industry experts, based on industry requirements. Upon completion of the program an industry recognized certificate is awarded. This certification will add great value to your professional portfolio. So, this is the right time to get started with Data Science.

Curriculum - Data Science with R

Course Content



1

WELCOME TO THE
ANALYTICS WORLD

2

INTRODUCTION TO
R-ENVIRONMENT

3

IMPORTING AND
READING THE DATA
IN R

4

DATA MANIPULATION

5

VISUALIZATION AND
REPORTING IN R

6

EXPLORATORY
ANALYSIS IN R

7

MORE INTO ANALYTICS
WORLD

8

INTRODUCTION TO
PREDICTIVE
MODELING

Curriculum - Data Science with R

Course Content



9

UNDERSTANDING
DECISION TREES:
APPLICATIONS IN R

10

LINER AND
LOGISTIC
REGRESSION IN R

11

UNDERSTANDING THE
FORECASTING:
APPLICATIONS IN R

12

MACHINE LEARNING
IN R

Project



Industry oriented projects - Data Science with R

Problem Statement:

To develop a Machine learning algorithm to identify the most optimal ratio/ aspects to allocate funds/ spending proportionately by organizations in different areas of expenses like:

- Research and Development
- Marketing
- Employee Cost
- HR & Administration Cost
- Infrastructure Cost etc.

Identifying the optimal ratio of the amount of allocation of funds to various segments is utmost important. This would also help the Management team with below aspects:

- To increase the revenue and profitability
- To better design the Marketing strategies
- To allocate the internal resources better

The algorithm would help in identifying the relationship between profit and various types of expenses individually by an organization (as mentioned above).

How to approach?

- Within this final project of Data Science using R, we will include all the essential steps which a typical Machine learning based project should have with Multiple Regression.
- The data will have multiple sources and format mainly having details about various organizations, their profit and their expenses in different areas.
- We will use the bulky input data set to be imported from different sources, the combined rows will contain 2k+ rows (tentative) with all the required columns.

Reviews



"Well-paced and flexible classes"

"Eduranz did a great job training our employees. The classes were very well-paced and flexible for the crazy work schedule of our employees. I am very impressed and highly recommend Eduranz."

-Alfred Chrispanous (VP - Channel & Alliances - Huawei)

<https://www.linkedin.com/in/alfred-chrispanous-485b57b/>

"Excellent virtual class experience."

"The instructor was very good and prompt in responding to questions. Excellent virtual class experience. Good Work Eduranz!"

-Rajeev Kathuria (West Head-Partner Management - Samsung)

<https://www.linkedin.com/in/rajeev-kathuria-818414a/>



"Good Work Eduranz!"

"The instructor was very good and prompt in responding to questions. Excellent virtual class experience. Good Work Eduranz!"

- Raja Velan (Regional Solution Manager - Huawei)

<https://www.linkedin.com/in/raja-velan-793b211b/>



"Good experience to learn from Eduranz"

"It is a very good experience to learn from Eduranz!. Faculty seems excellent in sharing real-world experiences.I do not feel even for a single moment that I am learning from any tutor, it is like face to face gathering with an experienced person sharing its curriculum knowledge."

- Mohammad Shahanawaz- Oracle DBA Officer

<https://www.linkedin.com/in/mohammad-shahanawaz-95460524/>



FAQs



What if I miss a Class?

No one misses any lecture at Eduranz, because you will be provided with the recorded sessions of the class on your LMS within 24 hours and despite that, you can also attend any different live session to cover up the missed topic and ask your doubts from the trainer.

What training modes are available for this Data Science Certification Program?

Data Science Certification Program, by Eduranz, is providing both live Online Classes and Self Paced Learning videos.

With online class training, you can access courses via video conferencing from your desktop to increase productivity and reduce work time and personal time. Our online classes will be recorded so that you don't miss a single concept. With self paced videos you get to go through the complete course at your own pace, from our LMS.

Who are our instructors and how are they chosen?

All of our highly qualified trainers are industry experts with at least 10-12 years of relevant teaching experience. Each of them underwent a rigorous selection process that included screening profiles, technical assessments, and training demonstrations before being certified for training.

FAQs



How is the Eduranz Certified Certificate given?

After completing the training program along with mini-projects, tests, and assignments, you will be working on a real-world industry oriented capstone project. Upon completion of the project you will be awarded with an industry recognized certificate by Eduranz.

Can I request a support session if I want to understand the topic better?

Eduranz offers 24/7 customer query solution commitment. You just need to raise a query ticket at any time to our dedicated support team. You can use email support for all your questions as well. If your request is not answered via email, we can also arrange one-on-one discussions with our instructors. You will be glad to know that even after completing the program you can switch to Eduranz support. We don't limit the number of query tickets you can raise during the process.

Will the job support program guarantee me a job?

Our job assistance program will help you reach the job that you have been seeking. Under this support program, we help you by building your professional resume and then sharing it across our network companies that we have tie ups with. You will be prepared for interviews through mock sessions by instructors.

However, Eduranz is not a recruitment or job agency, we do not guarantee you a job. We share your profile with different companies, then entire process is handled by the company and the result is totally based on the their decision.