Learn.
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Certificate of Learning

PRANAY AGGARWAL

Student ID: 79647

has completed the following course

Data Science Bootcamp 2021 : Introduction

4hr,25min
Total Duration

50
No. of Lessons

Beginner
Level of the Course

Issued on **18th March 2021**

Certificate Link: **learnmall.in/cert/IED279647**

learnmall.in

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AWESOME
LEARNER

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▶ Duration: **4 hours 25 minutes**

▶ Level: **Beginner**

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▶ Issue Date: **18th March 2021**

Course Syllabus

▶ **What is Data Science ?**
- Venn Diagram
- Pipline

▶ **Data Exploration**
- Exploratory graphs
- Spreadsheets
- Python
- Data exploration using R
- SQL
- Web Formats

▶ **Mathematics**
- Algebra
- Systems of Equations
- Calculus
- Big O

▶ **Machine Learning**
- Decision trees
- Ensembles
- Naive Bayes classifiers
- Artificial Neural Networks

▶ **What is Data Governance ?**
- The role of data in the 21st century
- Data governance definition and basics
- The principles of data governance
- Data governance focus areas
- When does an organization need data governance ?

▶ **Managing a Data Governance Program**
- Managing and maintaining data governance

- Monitoring and measuring your program

▶ **Data Mining: Preliminaries**
- Data mining prerequisites
- Algorithm prerequisites
- Software prerequisites

▶ **Data Reduction**
- Goal of Data Reduction
- Algorithm for Data Reduction
- Data reduction in R
- Data reduction in Python

▶ **Clustering**
- Clustering goals
- Clustering data
- Clustering in R
- Classification in Python

▶ **Classification**
- Classification goals
- Classification data
- Classification in R
- Regression analysis in Python

▶ **Regression Analysis**
- Regression analysis goals
- Regression analysis Data
- Regression analysis in R
- Regression analysis in Python

▶ **Sequential Patterns**
- Sequential mining goals

- Sequential mining algorithms
- Sequential mining in R
- Sequential mining in Python

▶ **Text Mining**

- Text mining goals
- Text mining algorithms
- Text mining in R
- Text mining in Python