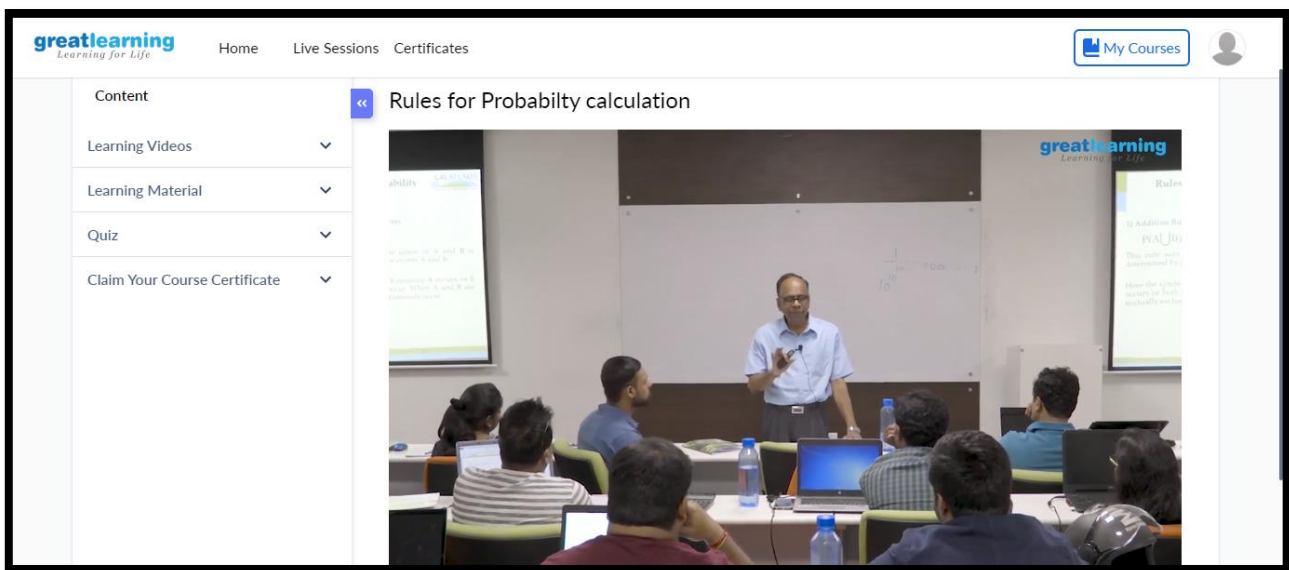


# DAILY ASSESSMENT

Date:	17-June-2020	Name:	Swastik R Gowda
Course:	Statistical Learning	USN:	4AL17EC091
Topic:	<ul style="list-style-type: none"> <li>❖ Introduction to Probability</li> <li>❖ Rules for Probability calculation</li> <li>❖ Bayes' Theorem</li> <li>❖ Normal Distribution</li> </ul>	Semester & Section:	6 <sup>th</sup> Sem 'B' Sec
Github Repository:	swastik-gowda		

## FORENOON SESSION DETAILS

### Image of session



olympus.greatlearning.in/courses/12436/quizzes/34985?module\_item\_id=552266

**greatlearning** Learning for Life Home Live Sessions Certificates My Courses

**Content** « Rules for Probability calculation

- Learning Videos
- Learning Material
- Quiz
- Claim Your Course Certificate

**Probability and Statistics- Quiz**

Type : Graded Quiz Attempts : 1/2 Questions : 10  
 Time : 30m Scoring Policy : Highest Score  
 Your Score : 10.00/10 Passed Passing Score : 6.00/10

Instructions

**RETAKE**

**Attempt History**

Date	Attempt	Marks
Jun 17, 10:38 PM	1	10

**Report – Report can be typed or hand written for up to two pages.**

### **Probability:**

- Probability is the science of how likely events are to happen. At its simplest, it's concerned with roll of dice, or the fall of the cards in a game
- Probability is used, for example, in such diverse areas as weather forecasting and to work out the cost of your insurance premiums.

### **Rules for Probability Calculation:**

- Before discussing the rules of probability, we state the following definitions:
- Two events are mutually exclusive or disjoint if they cannot occur at the same time.
- The probability that Event A occurs, given that Event B has occurred, is called a conditional probability. The conditional probability of Event A, given Event B, is denoted by the symbol  $P(A|B)$ .
- The complement of an event is the event not occurring. The probability that Event A will not occur is denoted by  $P(A')$ .
- The probability that Events A and B both occur is the probability of intersection of A & B. The probability of the intersection of Events A and B is denoted by  $P(A \cap B)$ . If Events A & B are mutually exclusive,  $P(A \cap B) = 0$ .
- The probability that Events A or B occur is the probability of the union of A and B. The probability of the union of Events A & B is denoted by  $P(A \cup B)$ .
- If the occurrence of Event A changes the probability of Event B, then Events A&B are dependent. On the other hand, if the occurrence of Event A does not change the probability of Event B, then Events A and B are independent

### **CERTIFICATE:**



## **Certificate of completion**

Presented to

**Swastik R Gowda**

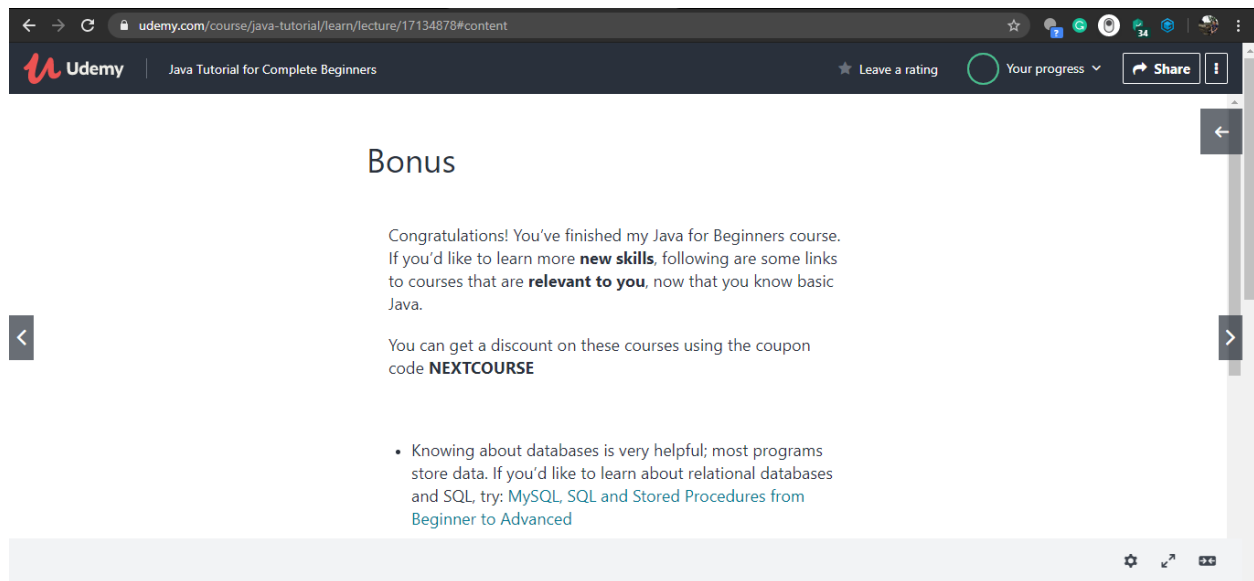
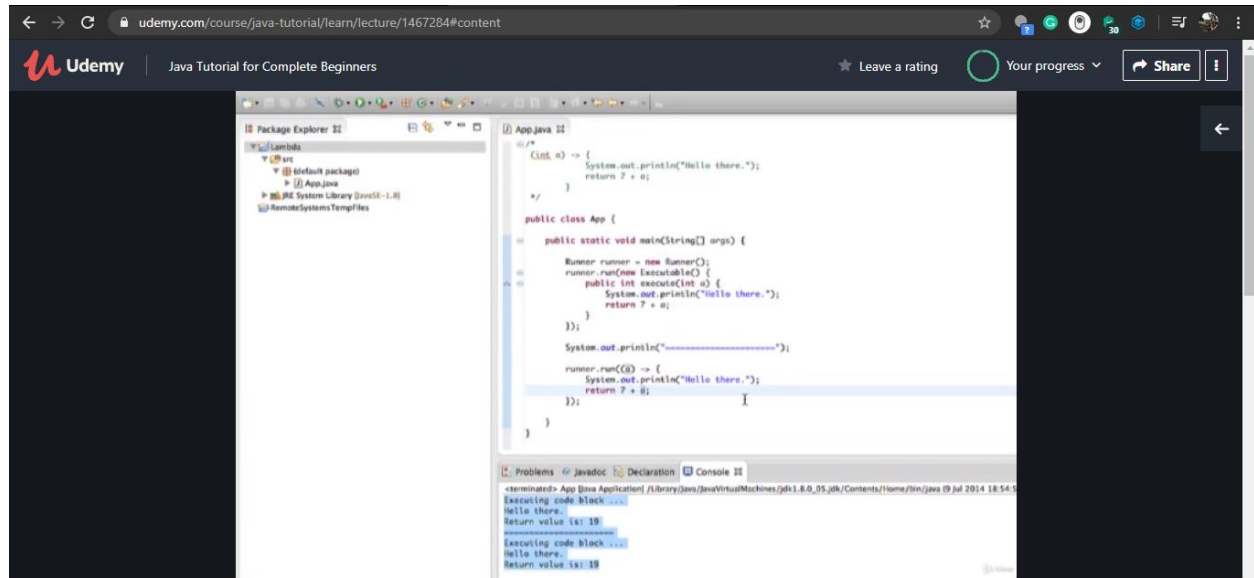
For successfully completing a free online course  
Statistical Learning

Provided by  
Great Learning Academy  
(On June 2020)

Date:	17-June-2020	Name:	Swastik R Gowda
Course:	Java	USN:	4AL17EC091
Topic:	Programming	Semester & Section:	6 <sup>th</sup> Sem 'B' Sec

## AFTERNOON SESSION DETAILS

### Image of session



Report – Report can be typed or hand written for up to two pages.

### Appendix:

- Eclipse Shortcuts
- Getting a Job Extended Version:
- What you need, a strategy for finding ...
- Ten Tips for Improving Your Coding
- Debugging in Eclipse

### What's New In Java 8?

- Lambda Expressions
- Basic Java Programming: Test Your Knowledge
- Some books were Recommended
- Source Code

### Lambda expressions:

```
public class App {  
    public static void main(String[] args) {  
        int c = 100;  
        // Mustn't do this: c = 8;  
  
        int d = 77;  
  
        Runner runner = new Runner();  
        runner.run(new Executable() {  
            public int execute(int a, int b) {  
                System.out.println("Hello there.");  
                // Can do this in methods of anonymous classes int d = 8;  
                return a + b + c;  
            }  
        });  
  
        System.out.println("...");  
  
        runner.run( (a,b) -> {  
            System.out.println("Hello there.");  
            // Can't do this; no new scope. int d = 90;  
            return a + b + c;  
        });  
    }  
}
```

Date:	17-June-2020	Name:	Swastik R Gowda
Course:	Webinar	USN:	4AL17EC091
Topic:	Block chain Technology and its usage	Semester & Section:	6 <sup>th</sup> Sem 'B' Sec

### AFTERNOON SESSION DETAILS

#### Image of session

Zoom Meeting | You are viewing Raghu Raman's screen | View Options

Participants: Swastik R Gowda, Raghu Raman, EMURGO INDIA, Disha .., Rathna P, Pooja P

### Course Details

Course	Hours	Start Date	Fee (incl. GST)
Foundations	30	30th June	Rs.3,000

- Course schedule will be decided based on students availability
- Tentative schedule - Monday to Friday - 5pm to 7pm

**Benefits:**

- Online Internship
- Blockchain conference
- Digital Badge

Unmute | Start Video | Participants (91) | Chat | Share Screen | Record | Reactions | Activate Windows | Go to Settings to activate Windows | Leave

## Business Verticals of EMURGO

**BlockChain**

```

graph TD
    Consulting --> RD[R & D]
    RD --> Academy
    RD --> Advisory[Advisory Services]
    Academy --> VC[Venture Capital / Accelerator]
    Advisory --> VC
  
```

skill@emurgo.

Report – Report can be typed or hand written for up to two pages.

Recording You are viewing Raghu Raman's screen View Options

## Blockchain Adoption Map - Global

EMURGO

**Growing number of blockchain initiatives around the world**

**Canada** - Toronto Stock Exchange lists first blockchain-based company and to enhance the security of private information.

**USA** - The Federal Reserve discusses the creation of a blockchain-based digital currency with IBM and explores options over the technology.

**USA** - Linux Foundation leads 20 leading technology and financial firms to create open source Hyperledger blockchain standards.

**MEXICO** - Bank of Mexico is considering blockchain to create a digital version of peso.

**MINDORAS** - Government is working with factors to develop a blockchain-based social system.

**UK** - FRC partners Blockchain and FinTech to create a solution portfolio for FRC.

**UK** - UK government exploring use of blockchain (blockchain) for its research and innovation programme.

**FRANCE** - France explores for world use case of blockchain in its French Accelerator Programme.

**RUSSIA** - Government plans to trial Ethereum Blockchain based election platform.

**EU** - European Central Bank intends to create blockchain for banking services that governments, securities investors as well as cultural institutions.

**CHINA** - Alibaba explores blockchain for cloud service and to fight counterfeit products.

**CHINA** - People's Bank of China weighs blockchain for digital currency.

**RUSSIA** - Central Bank establishes Blockchain Working Group to analyse and evaluate potential applications of blockchain technology within finance.

**JAPAN** - Financial Services Agency considers amendments to legislation to include virtual currencies such as Bitcoin as "quasi-currency" of Japan.

**JAPAN** - Fintech and blockchain completed a blockchain cross-border transaction settlement.

**SOUTH KOREA** - Korea Exchange (KRX) begins pilot steps to develop a stock platform for off-board data.

**HONG KONG** - Hong Kong Authority is funding two the ledger system under commercial application financial services sector.

**INDONESIA** - Bank of Indonesia is exploring blockchain technology to potentially replace its existing settlement systems.

**SINGAPORE** - Monetary Authority of Singapore launches Smart Nation Initiative and commits over S\$6 million to support fintech and blockchain innovations.

**SINGAPORE** - DBS and SCB launch trade finance proof of concept using Ripple technology.

**AUSTRALIA** - Australian Stock Exchange is actively working on a technology transformation programme that will employ blockchain technology to potentially replace its existing settlement systems.

**AUSTRALIA** - Bank of Australia is exploring blockchain technology to potentially replace its existing settlement systems.

Swastik R Gowda

Raghu Raman

EMURGO INDIA

Disha ..

Activate Windows  
Go to Settings to activate Windows.

skill@emurgo.in

Unmute Start Video Participants Chat Share Screen Record Reactions Leave