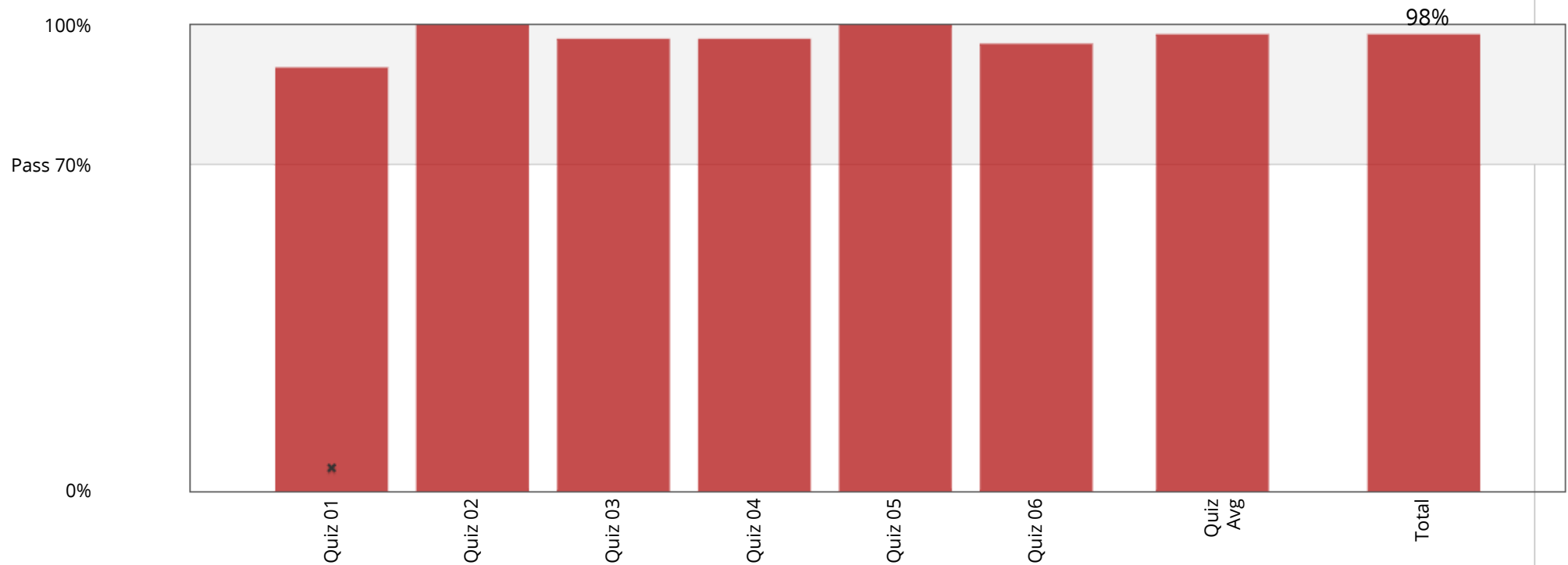




## Course Progress for Student 'sandipan\_dey' (sandipan.dey@gmail.com)

### Your enrollment: Audit track

You are enrolled in the audit track for this course. The audit track does not include a certificate.



Welcome

**Course Information**

No problem scores in this section

**Pre-Course Survey**

No problem scores in this section

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**Unit 1: Sample  
Space and  
Probability****L1.1: Outcomes and Events**

No problem scores in this section

**L1.2: DeMorgan's First and Second Law**

No problem scores in this section

**L1.3: How Many Events**

No problem scores in this section

**L1.4: Sample Spaces**

No problem scores in this section

**L1.5: Probability Rules**

No problem scores in this section

**L1.6: Probability of Empty Set**

No problem scores in this section

**L1.7: Union of Finitely Many Events**

No problem scores in this section

**L1.8: Equally Likely Outcomes**

No problem scores in this section

**L1.9: Setminus and Partition**

No problem scores in this section

**L1.10: Inclusion/Exclusion**

No problem scores in this section

**L1.11: Practice**

No problem scores in this section

**L1.12: Quiz** (20/22) 91%

Quiz

Problem Scores: 4/4 4/4 1/3 5/5 2/2 4/4

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**Unit 2:  
Independent  
Events, Conditional  
Probability and  
Bayes' Theorem****L2.1: Independent Events**

No problem scores in this section

**L2.2: Examples on Independent Events**

No problem scores in this section

**L2.3: Conditional Probability**

No problem scores in this section

**L2.4: Examples of Conditional Probability**

No problem scores in this section

**L2.5: Distributive Laws and Conditional Probability Laws**

No problem scores in this section

**L2.6: Two Examples**

No problem scores in this section

**L2.7: Bayes' Theorem**

No problem scores in this section

**L2.8: Probability of an Intersection**

No problem scores in this section

**L2.9: Practice**

No problem scores in this section

**L2.10: Quiz** (27/27) 100%

Quiz

Problem Scores: 2/2 3/3 1/1 2/2 2/2 6/6 1/1 3/3  
 3/3 1/1 1/1 2/2

**Unit 3: Random Variables,**

## Probability and Distributions

### L3.1: Random Variables; Discrete versus Continuous

No problem scores in this section

### L3.2: Probabilities and Indicators

No problem scores in this section

### L3.3: Probability mass function

No problem scores in this section

### L3.4: CDF

No problem scores in this section

### L3.5: Joint Distributions

No problem scores in this section

### L3.6: Independent random variables

No problem scores in this section

### L3.7: Practice

No problem scores in this section

### L3.8: Quiz (33/34) 97%

Quiz

Problem Scores: 6/6 4/4 2/2 7/7 1/1 2/2 2/2 1/1  
0/1 7/7 1/1

## Unit 4: Expected Values

### L4.1: Expected Values of Discrete Random Variables

No problem scores in this section

### L4.2: Examples

No problem scores in this section

### L4.3: Expected Values of Sums of RVs

No problem scores in this section

### L4.4: Expected Values of Functions of RVs

No problem scores in this section

### L4.5: Variance

No problem scores in this section

### L4.6: Practice

No problem scores in this section

### L4.7: Quiz (33/34) 97%

Quiz

Problem Scores:	6/6	4/5	4/4	5/5	1/1	2/2	1/1	2/2
	2/2	2/2	2/2	2/2				

## Unit 5: Models of Discrete Random Variables I

**L5.1: Bernoulli Random Variables**

No problem scores in this section

**L5.2: Binomial**

No problem scores in this section

**L5.3: Geometric Random Variables**

No problem scores in this section

**L5.4: Negative Binomial Random Variables**

No problem scores in this section

**L5.5: Practice**

No problem scores in this section

**L5.6: Quiz** (33/33) 100%

Quiz

Problem Scores:    3/3       3/3       6/6       2/2       2/2       2/2       2/2       3/3  
                          3/3       2/2       3/3       2/2

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**Unit 6: Models of  
Discrete Random  
Variables II**

**L6.1: Poisson Random Variables**

No problem scores in this section

**L6.2: Hypergeometric Random Variables**

No problem scores in this section

**L6.3: Discrete Uniform Random Variables; and Counting**

No problem scores in this section

**L6.4: Practice**

No problem scores in this section

**L6.5: Quiz** (24/25) 96%

Quiz

Problem Scores: 1/2 2/2 2/2 1/1 4/4 1/1 2/2 1/1  
2/2 4/4 2/2 2/2



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