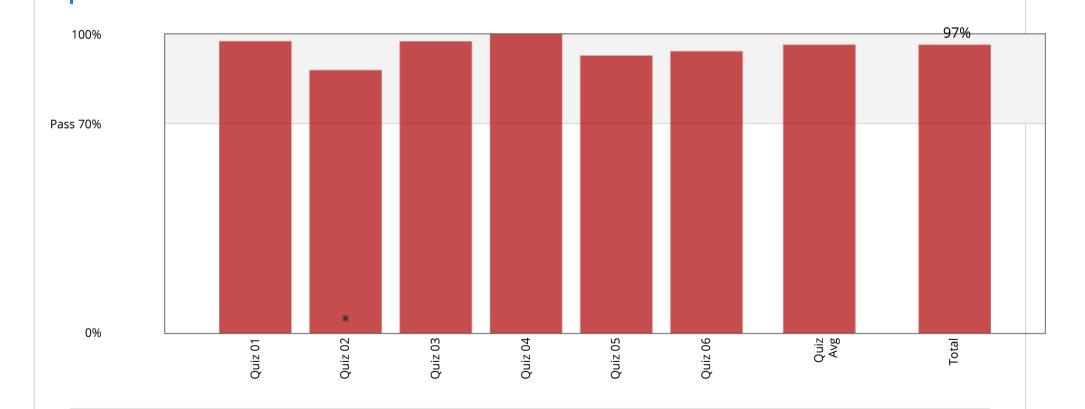
PurdueX: 416.2x Probability: Distribution Models & Continuous Random Variables

Help

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

Unit 7: Continuous Random Variables

L7.1: Probability Density Functions

No problem scores in this section

L7.2: Cumulative Distribution Functions

No problem scores in this section

L7.3: Jointly Distributed Continuous Random Variables

No problem scores in this section

L7.4: Independent Continuous Random Variables

No problem scores in this section

L7.5: Practice

No problem scores in this section

L7.6: Quiz (42/43) 98%

Quiz

Problem Scores: 3/3 5/5 3/3 6/6 5/5 3/3 4/4 4/4

3/3 4/5 2/2

| Unit 8: Conditional |
|----------------------------|
| Distributions and |
| Expected Values |

L8.1: Conditional Distributions for Continuous Random Variables

No problem scores in this section

L8.2: Expected Values of Continuous Random Variables

No problem scores in this section

L8.3: Expected Values of Functions of Random Variables I

No problem scores in this section

L8.4: Expected Values of Functions of Random Variables II

No problem scores in this section

L8.5: Facts about the Variance

No problem scores in this section

L8.6: Practice

No problem scores in this section

L8.7: Quiz (22/25) 88%

Quiz

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

2/2 4/4 2/2 2/2

Unit 9: Models of Continuous

Random Variables

L9.1: Continuous Uniform Random Variables

No problem scores in this section

L9.2: Exponential Random Variables

No problem scores in this section

L9.3: Gamma Random Variables

No problem scores in this section

L9.4: Beta Random Variables

No problem scores in this section

L9.5: Practice

No problem scores in this section

L9.6: Quiz (41/42) 98%

Quiz

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

5/5 4/4 4/4 2/2 2/2 1/1 7/7

Unit 10: Normal Distribution and Central Limit Theorem (CLT) L10.1: Normal Random Variables

No problem scores in this section

L10.2: Sums of Independent Normal Random Variables

No problem scores in this section

L10.3: Central Limit Theorem

No problem scores in this section

L10.4: Practice

No problem scores in this section

L10.5: Quiz (29/29) 100%

Quiz

Problem Scores: 3/3 3/3 4/4 2/2 2/2 2/2 2/2 2/2

3/3 3/3 2/2 1/1

Unit 11: Covariance, Conditional Expectation, Markov and Chebychev Inequalities L11.1: Variance of Sums; Covariance; Correlation

No problem scores in this section

L11.2: Conditional Expectation

No problem scores in this section

L11.3: Conditional vs Independent

No problem scores in this section

L11.4: Markov and Chebyshev Inequalities

No problem scores in this section

L11.5: Practice

No problem scores in this section

L11.6: Quiz (26/28) 93%

Quiz

Problem Scores: 1/1 2/2 1/1 0/1 4/5 2/2 2/2 3/3

2/2 3/3 2/2 4/4

Unit 12: Order Statistics, Moment Generating Functions, Transformation of RVs L12.1: Order Statistics

No problem scores in this section

L12.2: Moment Generating Functions

No problem scores in this section

L12.3: Transformations of One or Two Random Variables

No problem scores in this section

L12.4: Practice

No problem scores in this section

L12.5: Quiz (33/35) 94%

Quiz

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

4/4 4/4 4/4 2/4



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