

DAILY ASSESSMENT FORMAT

Date:	28th July 2020	Name:	Rajeshwari Gadagi
Course:	Coursera	USN:	4AL17EC076
Topic:	Basic statistics	Semester & Section:	6th sem 'B' sec
Github Repository:	Rajeshwari-gadagi		

FORENOON SESSION DETAILS

Image of session

✓ Reading: Sample and sampling
10 min

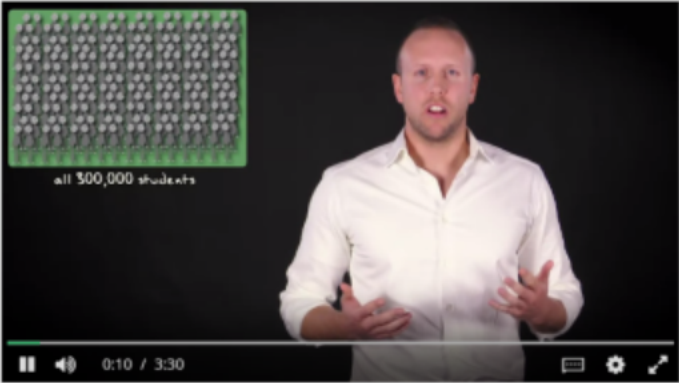
▶ Video: 5.01 Sample and population
3 min

▶ Video: 5.02 Sampling
8 min

Sampling distribution of sample mean and central limit theorem

Sampling distribution of sample proportion and example

Review





all 300,000 students

0:10 / 3:30

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English

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8 min

Sampling distribution of sample mean and central limit theorem

✓ Reading: Sampling distribution of sample mean and central limit theorem
10 min

✓ Video: 5.03 The sampling distribution
7 min


▶ Video: 5.04 The central limit theorem
7 min

▶ Video: 5.05 Three distributions
7 min

Reading: Reference
10 min

Sampling distribution of sample proportion and example

5.04 The central limit theorem



bell-shaped population distribution



number of samples

THE SAMPLING DISTRIBUTION CENTRAL LIMIT THEOREM

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Courses for Students | Courses | Sampling distributions | Courses

← Sampling distributions
Graded Quiz • 20 min

Due Aug 16, 11:59 PM PDT

✓ **Congratulations! You passed!**
10 PASS 80% or higher

[Keep Learning](#)

GRADE
100%

Sampling distributions

LATEST SUBMISSION GRADE
100%

1. What is the difference between descriptive and inferential statistics? 5/5 point

- ☐ Where inferential statistics only concerns the sample, descriptive statistics concerns the underlying population.
- ☒ Where descriptive statistics only concerns the sample, inferential statistics concerns the underlying population.
- ☐ Where inferential statistics is used with discrete variables, descriptive statistics is used with continuous variables.
- ☐ Where descriptive statistics is used with discrete variables, inferential statistics is used with continuous variables.

✓ **Correct**
Correct!

Sample and sampling


- ✓ Reading: Sample and sampling 10 min
- ✓ Video: 5.01 Sample and population 3 min
- ▶ Video: 5.02 Sampling 8 min

Sampling distribution of sample mean and central limit theorem

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5.02 Sampling



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Notes

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Best Statistics > Week 5 > 5.01 Sample and population

Prev Next

Sample and sampling

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5.01 Sample and population



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Notes

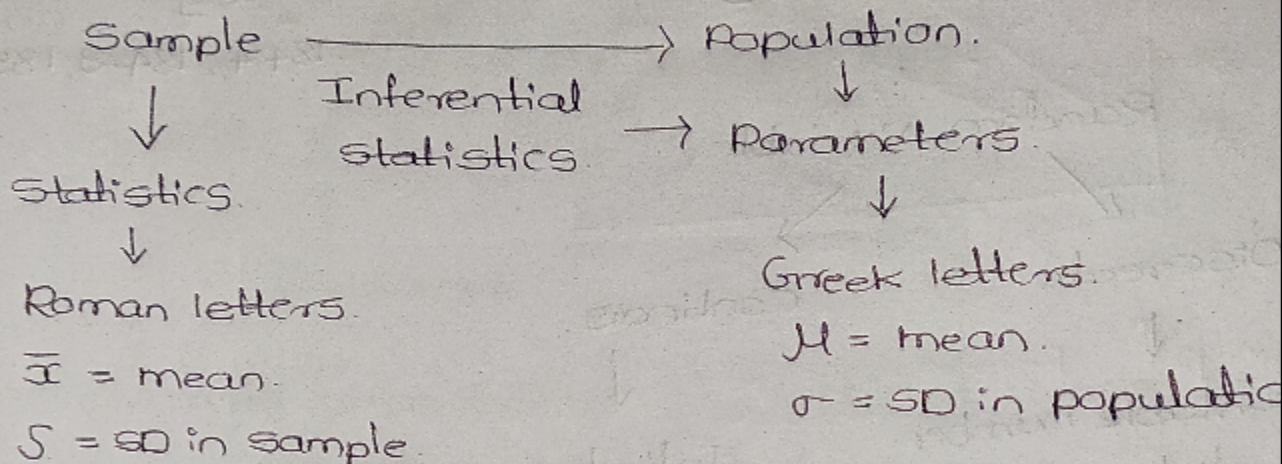
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Sample and sampling :-

Computations.

univariate analyses modes means.
standard deviations bivariate analyse
Pearson's R regression analyses



Sample
↓
Inferential
Statistics.

Sample



Inferential
Statistics.



Population.

Simple Random Sample :-

Population.



Sampling frame.



Sample.



Respondents.

Possible bias.

→ Undercoverage.

→ Sampling bias.

→ Nonresponse bias.

Face to face

Telephone

Self-administered.

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