

DAILY ASSESSMENT FORMAT

Date:	27/07/2020	Name:	PREETHAM S RAI
Course:	Coursera: Basic Statistics	USN:	4AL18EC040
Topic:	The Binomial Distribution The Normal Distribution Mean and Variance of the Random Variables Probability and Distribution	Semester & Section:	4 th sem 'A' section.
Github Repository:	Psraipreetham		

FORENOON SESSION DETAILS

Image of session



In today's session I have learnt about

PROBABILITY AND DISTRIBUTION

Random Variables and Probability Distributions

Cumulative Probability Distributions

MEAN AND VARIANCE OF THE RANDOM VARIABLES

The Mean of Random Variables



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The Variance of Random Variable

THE NORMAL DISTRIBUTION

Functional Form of the Normal Distribution

The Normal Distribution: Probability Calculations

The Standard Normal Distribution

THE BINOMIAL DISTRIBUTION

SUMMARY

Probability distributions form the core of many statistical calculations.

They are used as mathematical models to represent some random phenomenon and subsequently answer statistical questions about that phenomenon.

This module starts by explaining the basic properties of a probability distribution, highlighting how it quantifies a random variable and also pointing out how it differs between discrete and continuous random variables.

Subsequently the cumulative probability distribution is introduced and its properties and usage are explained as well.

The effects of changing random variables by multiplication or addition on these statistics are explained as well.

The lecture thereafter introduces the normal distribution, starting by explaining its functional form and some general properties.

Next, the basic usage of the normal distribution to calculate probabilities is explained.

And in a final lecture the binomial distribution, an important probability distribution for discrete data, is introduced and further explained.

By the end of this module we have covered quite some ground and have a solid basis to answer the most frequently encountered statistical questions.

Importantly, the fundamental knowledge about probability distributions that is presented here will also provide a solid basis.

Date:	27/07/2020	Name:	PREETHAM S RAI
Course:	Business Value of Equality	USN:	4AL18EC040
Topic:	<ul style="list-style-type: none">Understand the Importance of Diversity and Inclusion at Work	Semester & Section:	4 th sem 'A' section



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	<ul style="list-style-type: none"> • Explore the Salesforce Strategy for Promoting Workplace Equality • Learn About the Salesforce Equality Groups 		
Github Repository:	Ppsraipreetham		

AFTERNOON SESSION DETAILS

Image of session

Business Value of Equality > Learn About the Salesforce Equality Groups

support system we nurture inside our company that extends from our employees to our customers, our partners, and our communities.

This value is embodied in our Equality Groups. These are employee-led and employee-organized groups centered around common life experiences or backgrounds, and their allies. Their mission is to make Equality a reality both inside Salesforce and the communities in which we live and work.



Time Estimate

⌚ About 10 mins

Topics

Learning Objectives

Introduction

Resources:

Challenge

+100 points

? Question, feedback or help

QUIZ COMPLETE!

+100 points



Business Value of Equality

100%

In today's session I have learnt about:

- Understand the Importance of Diversity and Inclusion at Work:



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- What is meant by diversity and inclusion.
- The societal and business value of having a diverse workforce.
- Explore the Salesforce Strategy for Promoting Workplace Equality:
 - Why Salesforce values Equality.
 - The Salesforce efforts to create Equality in the workplace.
- Learn About the Salesforce Equality Groups:
 - The vision for the Salesforce Equality Groups.
 - How Equality Groups create a more diverse and inclusive culture.

