

Response Sheet

Live Session 2

Dear Students,

Here are the responses to your questions from the Live Session 2.

Student Questions and Responses

1. VELPULA KOWSHIK MAHATHAMA

Question: "where we get text book pdfs....?"

Response: The textbook and reference materials will be shared soon on the portal. You can find this information in Week 0. We will share some reference books related to course contents. We are trying for the the main textbook, "Introduction to Probability and Statistics for Engineers and Scientists" by Sheldon M. Ross (Sixth Edition). This may take some time.

2. K.Sowgandh Bharadwaj

Question: "can we get the text book pdf link or name of it"

Response: The reference books are listed in the Week 0. The main textbook is Sheldon M. Ross's "Introduction to Probability and Statistics for Engineers and Scientists" (6th Edition). Additional reference books include "Think Stats" by Allen B. Downey, "Statistics for Engineers and Scientists" by William Navidi, and "Python for Data Analysis" by Wes McKinney. We are preparing a list of reference books and how to access them, you can find this information in the Week 0.

3. Rupen tak

Question: "What's the name of the website"

Response: The website is <https://lumen.bitspilani-digital.edu.in/d21/home>, which is the BITS online learning platform (LUMEN). You can access course materials, videos, and lab sessions through this portal.

4. R KUSHAL MEHTA

Question: "What type of examination will be conducted at the end of the semester -multiple -choice (MCQ) or question-and-answer format?"

Response: More information will be provided before the examination. The syllabus will cover all 13 weeks of the course content. Kindly wait till 10th of week for any updated information related to examination.

5. MIRIYALA KIRATH VENKATA NAGA MARUTHI

Question: "sir share the code with us"

Response: The code and notebooks are available on the Lumen portal under the lab section. New codes are uploaded after every week's session. Please check the experiential lab component for the relevant materials.

6. ZAINAB NABI

Question: "When to refer these books, can anyone tell please?"

Response: You should refer to the textbooks throughout the course as supplementary material to understand concepts in depth. They are particularly useful when working on assignments, preparing for exams, and when you need additional examples or explanations beyond the lecture materials.

7. ZAINAB NABI

Question: "Is lumen a website or app"

Response: Lumen is primarily a website <https://lumen.bitspilani-digital.edu.in/d21/home>.

8. V S CHANDINI

Question: "what was sturges formula for?"

Response: Sturges' formula is used to determine the optimal number of bins (classes) when creating a histogram. The formula is $k = 1 + \log_2(n)$, where k is the number of bins and n is the number of data points. Sturges' Rule has been updated in P&S_M1_lesson1_Updated.ipynb for bin selection.

9. GAURANGA PANCHAL

Statement: "No relation between them"

Response: This appears to be a response to a discussion point. If you have a specific question about relationships between variables or concepts, please clarify in the discussion forum.

Best regards,

Probability and Statistics Team
