1 Student Survey

1. I have taken the courses Differential calculus;Integral calculus; Linear algebra; Probability and statistics; Image processing .

2. The research topic which interests me is Bayes theorem in machine learning . I want to develop a career in Data Science and Artificial Intelligence , so the topics related to that interests me a lot . I love the course probability and statistics . I have done research in Image Processing during my under grad , its related to image enhancement in frequency domain.

3. I am from Electronics background , I have done my major in Electronics and Communications during my under grad . Since I am from an electronics background my programming skills are not that great I would rate 6 for my coding skills . I am good at math I can rate 8 for my math skills.

4. I want to develop a career in Data science and AI . I have some basic knowledge about AI and some topics like Neural Networks . I want to go deep and learn more about AI and have some hands on so that I can mention about this in my resume so that it adds value to my resume.

2 Additional Exercises

I am not sure about $11. \int_{-\infty}^{\infty} dx \exp[-(\pi/2)x^2] = \sqrt{2}$ question , for the rest I can answer true or false but if you ask me prove them then I need to look back at books. I need to work on my element math since I forgot some formulas ,so I need to do a brush up for my classes and I will be doing that.