

Feedback Report

On

Criminal Justice and Data Analysis - 4

This course was offered from February to May 2022. A questionnaire was sent via electronic mail to all the users of Criminal Justice and Data Analysis after the completion of the course. The **total of 14 responses** received are grouped into Part A and Part B. **Part A** summarises all the responses of each multiple choice/rating question in graphical form and **Part B** consists of the responses of all open questions.

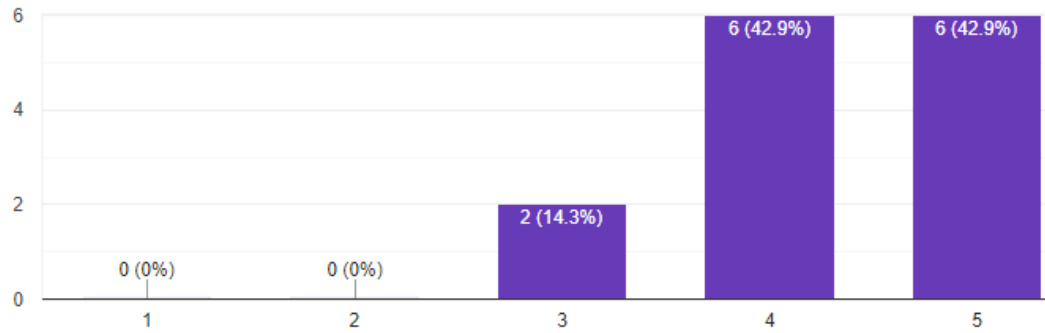
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Part - A

Course Format

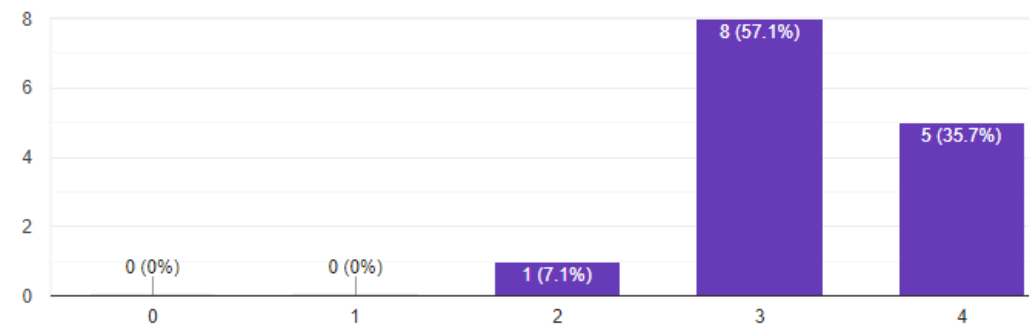
The course objectives were clear to me

(14 responses)



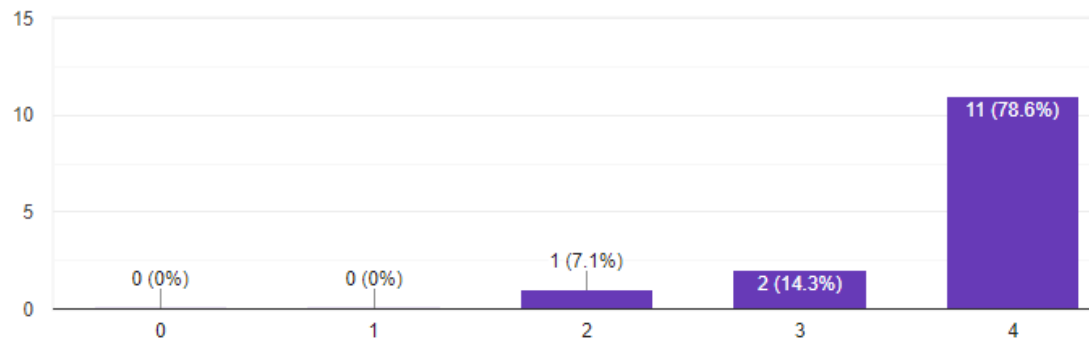
The course design was thoughtful and appropriate for a 12-week duration

(14 responses)

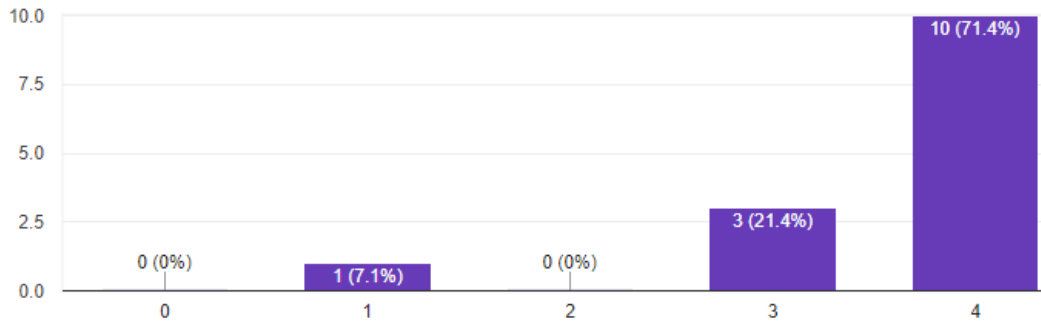


The course stimulated my thinking about the topics it covered

(14 responses)

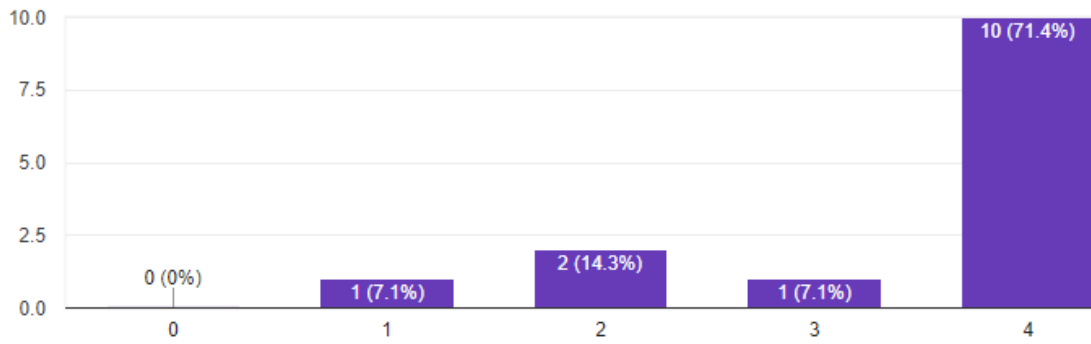


The system of assignments, quizzes, and exercises was helpful in learning (14 responses)

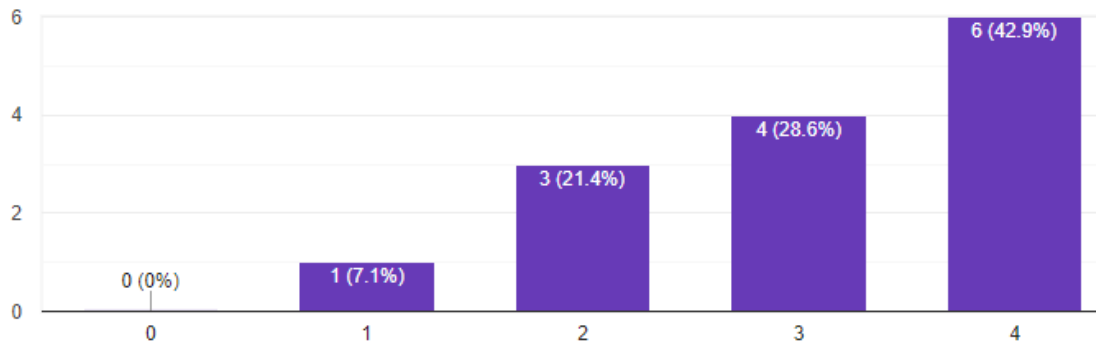


Course Administration

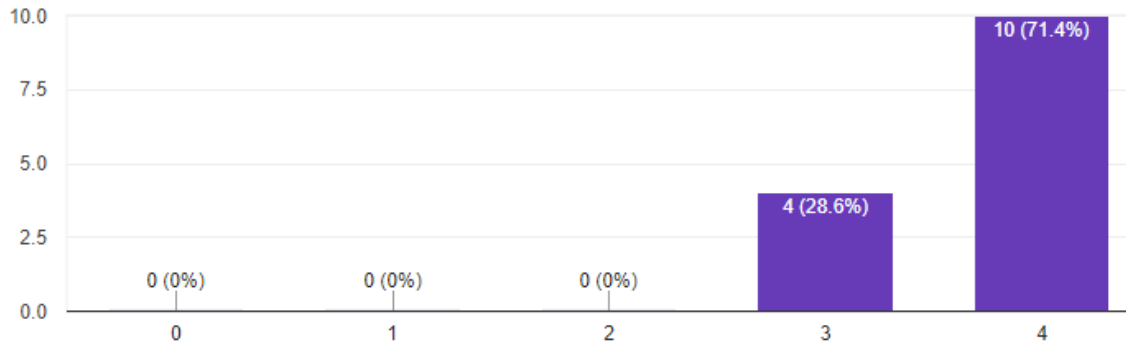
The online system was easy to navigate in learning and submitting assignments (14 responses)



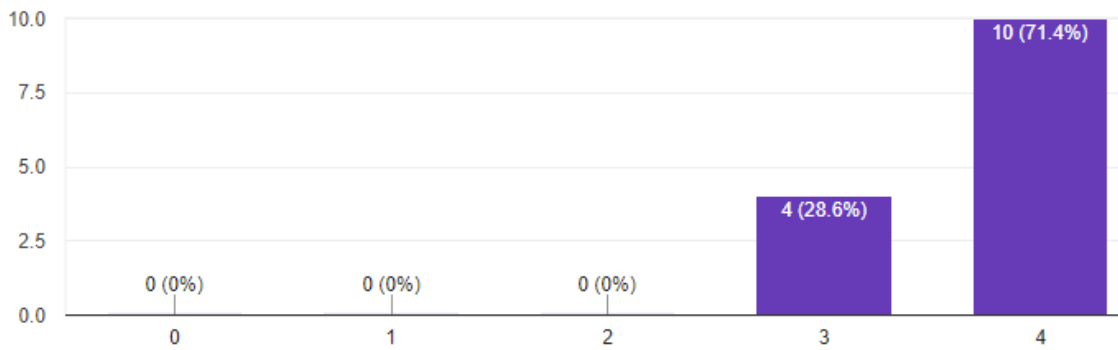
The active learning classroom format was very useful in learning from one another (14 responses)



The course administrators were easily available when needed through email/ system tools and by phone (14 responses)

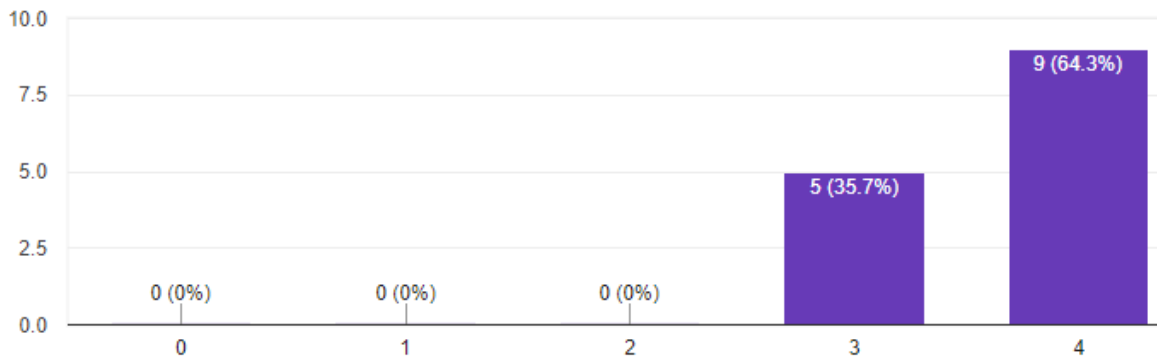


The class format was helpful in asking questions and understanding the contents (14 responses)

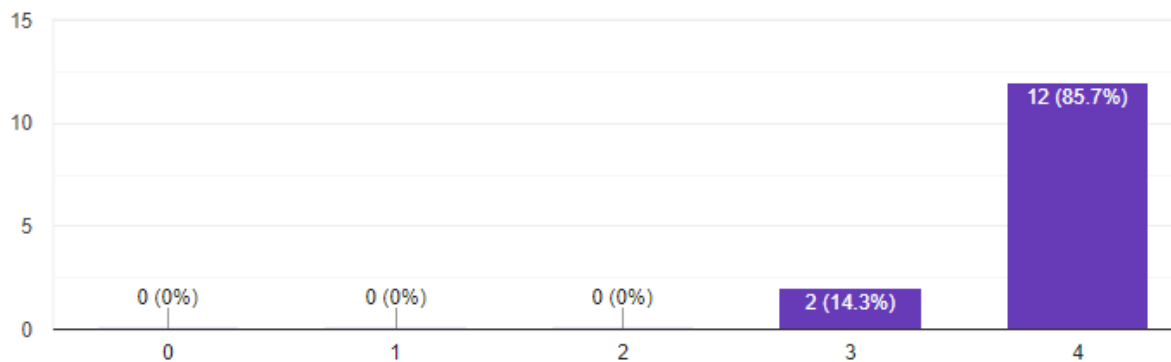


Learning From the Course

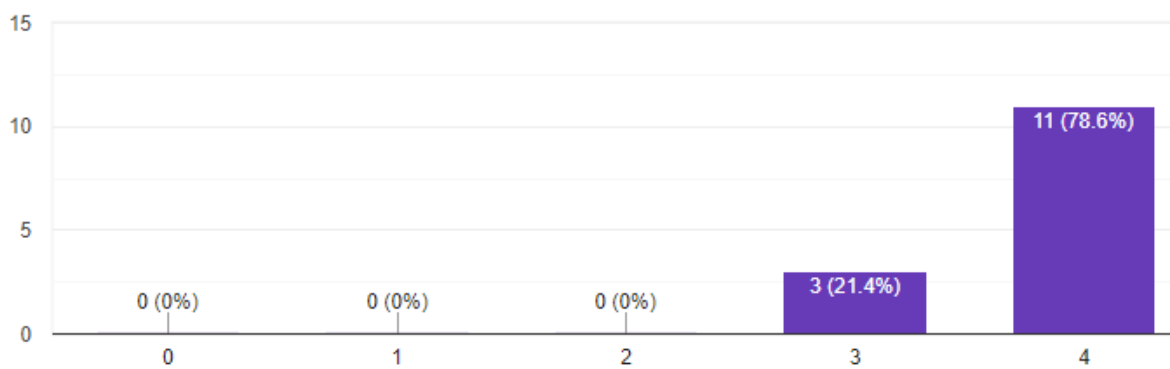
The readings and exercises were very useful in learning about criminal justice issues (14 responses)



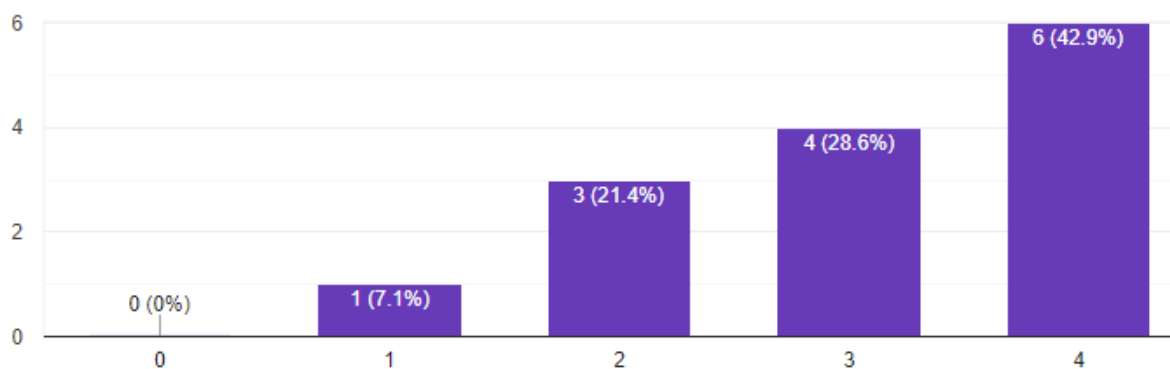
The readings helped introduce new ideas about policing and related issues
(14 responses)



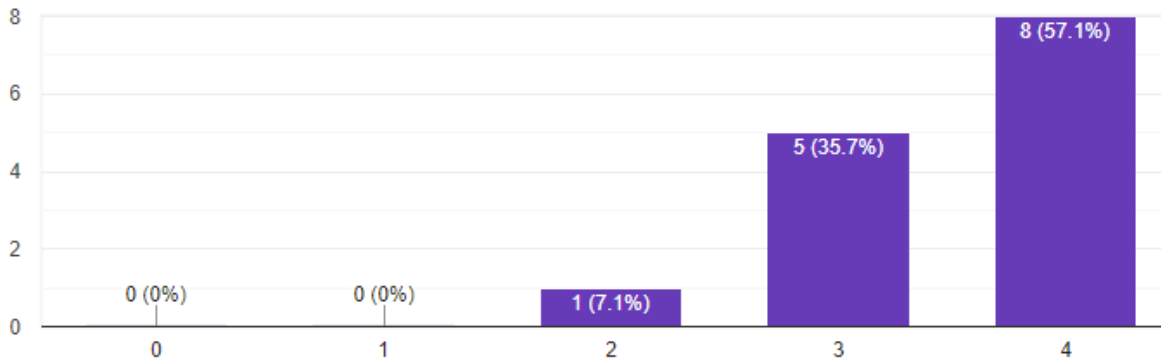
I appreciate efforts made by the instructors to think differently and broadly about
Police/ CJUS/Data Issues (14 responses)



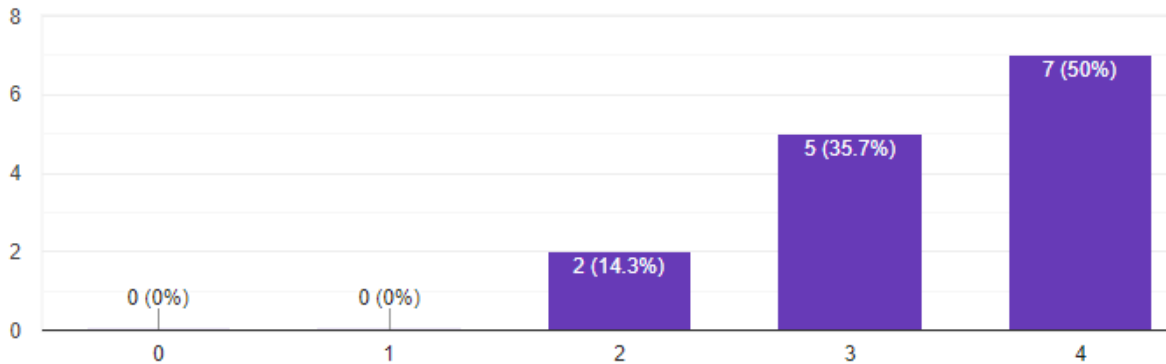
The feedback upon assignments and exercises was useful in understanding the
contents of readings (14 responses)



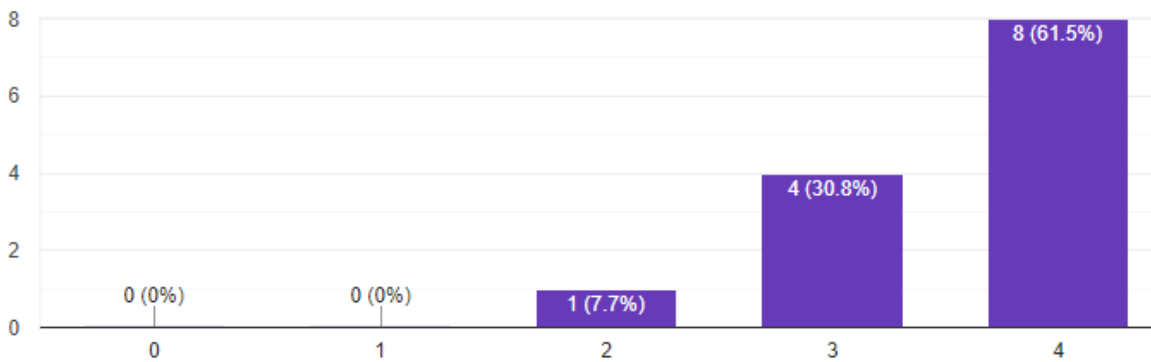
Discussions during class meetings helped in better understanding of policing issues
(14 responses)



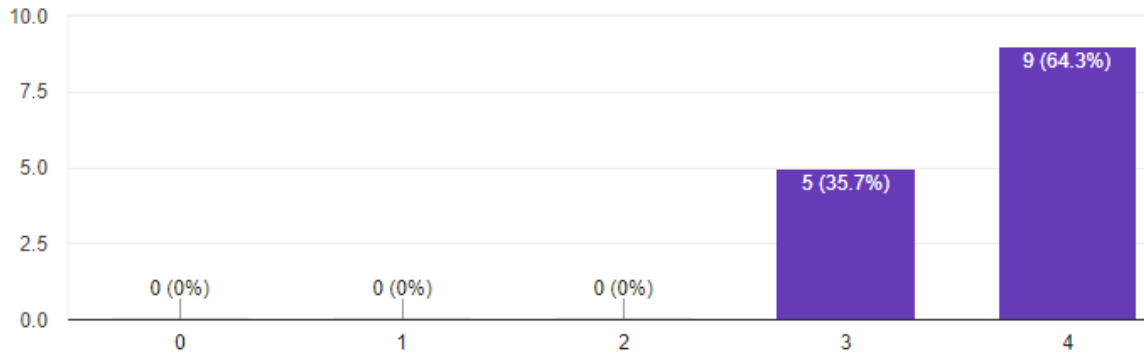
The guest lectures were very useful in learning about new topics
(14 responses)



The instructors motivated me to do my best in the course (13 responses)

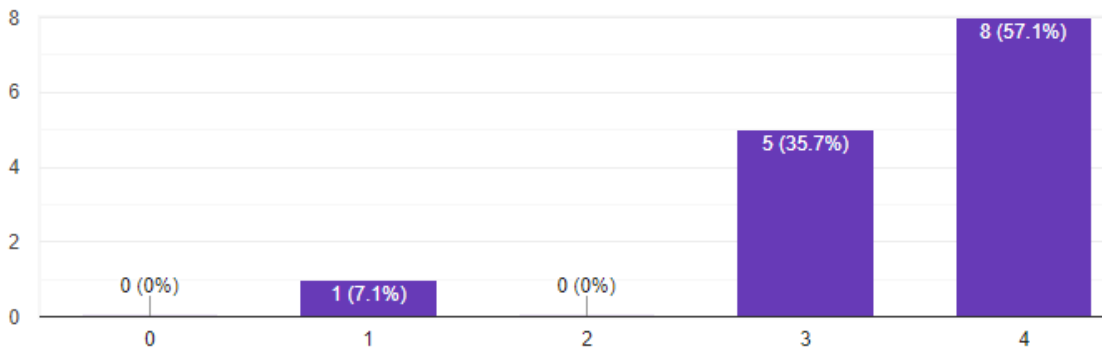


The project was helpful in applying course learning to my work (14 responses)

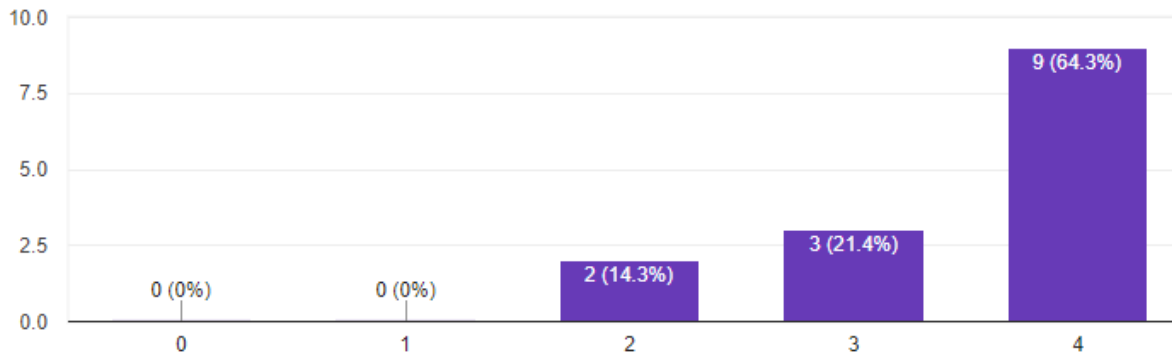


Course Outcome

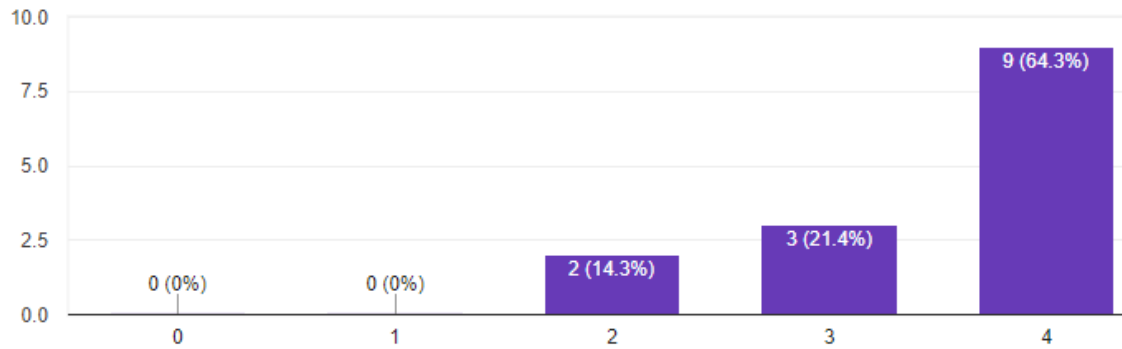
I learned a lot in this course (14 responses)



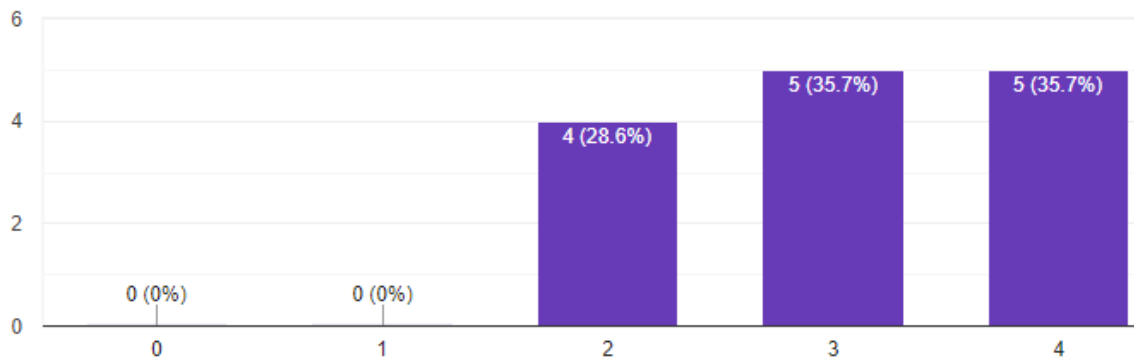
I developed the ability to apply data analytical techniques in criminal justice problems (14 responses)



I believe the course has helped me in being creative about my work-related functions
(14 responses)



Informal class sessions helped me to develop good communication skills (14 responses)



About the various Modules

Module 1



Module 2



Module 3



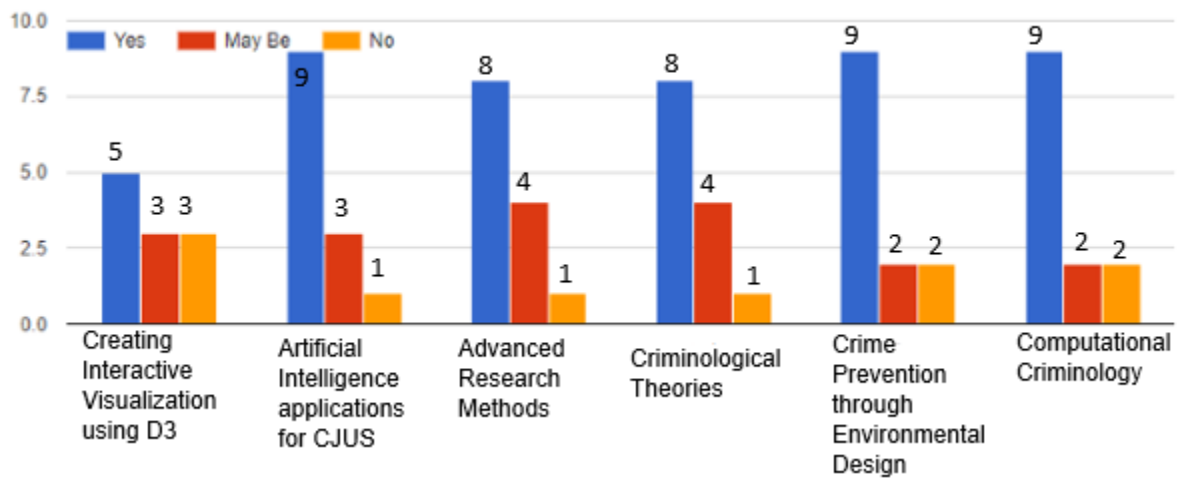
Module 4



Module 5



Would you be interested in taking the following 4-week [8 lectures] course modules that will require some programming/mathematics/qualitative methods?



Part - B

Open-Ended Questions :

Q1. What did you like most about the course? Give reasons if possible. (13 responses)

- Graph theory
- Personally, not being a police practitioner, the course helped me understand and appreciate the immense potential of the use of data analysis in the area of crime statistics, crime control and detection.
- Content
- The content really challenged me..
- 1. Online mode & timings of classes, 2. Video recordings of missed classes, 3. Zeal & motivation of the course co-ordinator Prof. Arvind Verma to inspire the students to use DA techniques in CJS.
- This course introduced to me a much needed perspective about Policing. The relevance of objectively and quantifying Policing works.
- 1. Pushed us to think about new ways of looking at issues.
- 2. Good foray into artificial intelligence and machine learning.
- It introduced me to new ideas in policing
- The diversity of the course in terms of exposure given not only to various theoretical aspects but also technological and practical points.
- The new learning and exposure to new methodologies and interaction with course coordinator and other participants
- Prof Arvind Verma sir's approach to us. He was very friendly and informal which helped to learn better. Also it has stimulated me to take more such courses.
- novel approach to criminology, discussions
- The content of the course was very much relevant to what we do on the ground in policing. The interactive and online modules of the class helped in smooth learning.

Q2. What did you like least about the course? Give reasons if possible. (13 responses)

- Excessive mathematics
- The machine learning and Gephi exercises were more than what I could handle with comfort and ease
- The visualisation module and a few guest lectures that weren't in line with the course content.
- Too much of course contents in such a short time
- The ML classes can be done in a more beginners way; at times the concepts were quite difficult to comprehend
- 1. Classes about Gephi etc the faculty could have dealt with some detailed discussions on what a graph suggests instead of just showing how different parameters like closeness etc are mathematically calculated.
- The technical aspects were rushed through
- The Machine Learning module requires some background of programming, which becomes difficult if one doesn't have it.
- It was too technical and did not deal with real data which officers must be handling
- Machine Learning Module as it was difficult for me to go through the reading material.
- lack of emphasis on developing ai/ml module

Q3. What other topics would you like to be included in such a course? (13 responses)

- Not much
- Subjects/topics covering judiciary, correctional institutions/activities could be useful additions.
- More extensive knowledge on data transformation, classification and regression.
- more inputs on research methods in CJS
- A class on introduction to open source tools and various tools available and how to make best use of it. The pros and cons.
- 1. More on machine learning.
- 2. More on Google earth pro analysis.
- Geotagging and geofencing related topics can be increased as it higher large relevance for all
- Cyber Crime Analytics with some case studies
- Use of statistical tools to analyse police data and its application
- Cyber crime
- deeper study of ai/ml
- The course may touch upon intelligence gathering and tools that can be helpful in analysis of such intelligence data.

Q4. What guest lecture topics you would like to include in such a course? (13 responses)

- We already have enough
- The lady from a Lobdon university and the ADGP from WB cadre were, to me at least, gave very illuminating and thought provoking presentations.
- More work by police officers having conducted scientifically designed studies.
- More practical case studies where practitioners have applied DA techniques in day to dat functioning
- Guest lecture on the way Policing is done especially wrt criminal justice from some Asian countries .
- 1. More presentations on good policing projects like Himachal project, telangana project etc.
- using spreadsheetfor CDR and IPDR analysis
- Women and Cyber Crimes
- Topics like Dial 100 analysis, crime mapping using Cctns data etc.
- Western Police systems
- video analytics
- More guest lectures about ground-level innovation in different fields like use of technology will be good.

Q5. Will you recommend this course to others? (13 responses)

- Definitely YES
- Yes. Already recommending
- Absolutely
- Yes, definitely.

Q6. How likely is it that you will take another such course? (13 responses)

- Not likely
- Very likely.
- Most likely

- highly likely
- It has all probability.

Q7. How likely are you to utilize these techniques learned in this module 5 years from now? (13 responses)

- Very likely. The application of it has already be undertaken.
- 1. Everyday policing
- 2. Office analysis
- 3. Research foray
- highly likely
- Certainly will attempt to use these techniques.
- Can't say at this stage maybe by that time computer statistical packages will be able to do these jobs much better and quicker.
- I am posted in field encountering daily problems so I can use these techniques directly to my field policing.
- very much of a probability
- I have already started using.

Q8. Any other suggestions/ comments? (8 responses)

- Basic knowledge of computer science, mathematical concepts, and technological developments should be specified as a requirement for joining this course. Though the course has in its title " criminal justice", it is largely dominated by police related subjects and activities. The course could perhaps be more broad based to include subjects of relevance and interest to other elements of the Criminal Justice system like the judiciary, jail administration, correctional activities. A capsule course on technology and criminal justice reform (not exclusively police reform) could form part of the basic and advanced courses in NPA, if it is already not included.
- Over all, it was an EXCELLENT course of its category offered by any institute in India. The length of the course may be extended to (at least) six months to give more insights into the related topics..... It may be developed into a full "Diploma" course instead of merely a certificate course. Although, the online character of the course may be kept intact... The experts of IIT, Kanpur should keep on engaging in /guiding the research projects presented by the candidates towards the end of the course.
- The course : modules and lectures have been very interestingly arranged and this course has been one of the best that I have attended in recent years. I appreciate Arvind Sir and the team for their concerted efforts.
- Submitted by : Aotula Imchen, IPS
- The course is wonderful in terms of sensitizing the field officers about importance of research and research techniques. It opens new fronts of thinking for field officers. It encourages and motivates field officers not only to know about crime data analytics but also implement it on the field.
- I request you kindly intimate me on my email imsubhashjat@gmail.com about future courses.
- Thank you for giving such a deep insight.