B.S. Abdur Rahman Crescent Institute of Science & Technology
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Report on Webinar Applied Data Science in Action

01-03-2021

On 1, March 2021

Organized by Data Science club, Department of Computer Science and Engineering (SCIMS), BSACIST

In Association with

Imarticus Learning

Webinar Co-ordinators	**Conveners**
Mrs. C.Vijayalakshmi , AP(Sr.G)/CSE	Dr. E. Syed Mohamed, Prof.&Head, CSE
Mrs. R.Akila, AP(Sr.G)/CSE	Dr. Venkatesan Selvam, Dean, SCIMS

PREAMBLE

The Data Science club of CSE department in association with Imarticus Learning conducted the webinar on “Applied Data Science in Action” for the faculties and students of BSACIST.

The key takeaways of the webinar are:

1. Importance of Mathematics and Coding for the success of data scientist.
2. Difference between Big Data and Data Science and the two facets of the Data World – Technology and Science.
3. Both Business and Data Analytics work hand in hand for a booming business.

.As soon as the event started, the convener greeted the attendees and introduced them to the Data Science club and its founders as well as listed the achievements of the club, while also thanking attendees for their interest and support. She then handed over the session to the eminent speaker, Mr Bikram. Mr Bikram, after shortly introducing himself to all the attendees, briefed them about the agenda of the lecture

The speaker gave the presentation on

- Data Science – Overview
  - Big Data Vs Data Science.
  - Data Analytics in general and their types.
  - Data Science and Data Scientist.
- Components of Data Science.
- Major Career paths in the data world.
- How to become a data scientist.
- A Practical Use Case.

At the very start of his lecture he emphasized on the importance of Mathematics and Coding for the success of data scientist. A Data scientist as he mentioned more than once, knows more statistics than an average software engineer would and more coding than an average statistician would. He then went on to tell the difference between Big Data and Data Science and the two facets of the Data World – Technology and Science.

Mr. Bikram also explained to the attendees the inter-related terms - Business Analytics, Data Analytics and Business Intelligence. How various service-oriented companies get customer data from the 'data broker companies' (data sources for various companies such as Amazon, Flipkart etc) and how it is incorporated in their business model and data analysis was also mentioned. While expiating how Business Analytics often fail to tell us why a certain incident happened (say, decrease in sales in a particular region for a product) and only tells that it happened (the fact that the sales decreased) and that Data Analytics helps us overcome this issue by descriptive, predictive and prescriptive analysis, he stressed that Business Analytics can't be undermined. Both Business and Data Analytics work hand in hand for a booming business. Mr Bikram also explained in detail the term themselves; Data Science and Data Scientist while also sharing his valuable experiences in the field.

A very important part of the session was when Mr. Bikram went on to explain the Data Analytics process in detail – Business Understanding, Data understanding, Data preparation, Data modelling, Model evaluation and deployment. He explained how various freshers and enthusiasts of Data Science often are only ambitious about applying Machine Learning algorithms and achieving high accuracy for the data set;

all while forgetting the main part - understanding the process and the Business itself. He said only achieving the accuracy without proper understanding of business and data is of no use.

Finally, he had some wise words for the people who wish to enter this field- practice, patience and determination. He greatly emphasized the need of doing as many projects as possible and having command over the topics you know; knowing them inside out and benchmarking yourself.

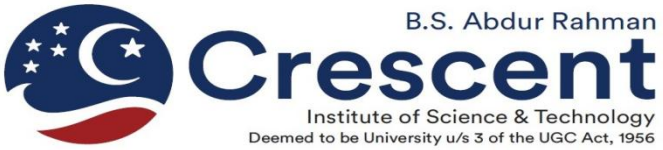
Last but the least, he showed us a project he had done and explained why various steps which are often overlooked - like row and column duplicates removal, Quasi constant variable removal, sanity checks, basic data preparation, plotting the learning curve etc is very important.

Before closing the session, the attendees asked a lot of questions to Mr. Bikram and thanked him for such a wonderful and knowledgeable session.

80 participants from the department of CSE/BSACIST attended the webinar.

The speaker for the webinar is Mr Bikramaditya Singhal is a Data Scientist; an industry expert with 12 years of experience and has written multiple books including illustrious titles on Data Science and Blockchain technology.

Also the feedback about the session was collected from all the participants to improve the sessions that will be conducted in the mere future. Total number of participants is 80. The following are the details of the participants:



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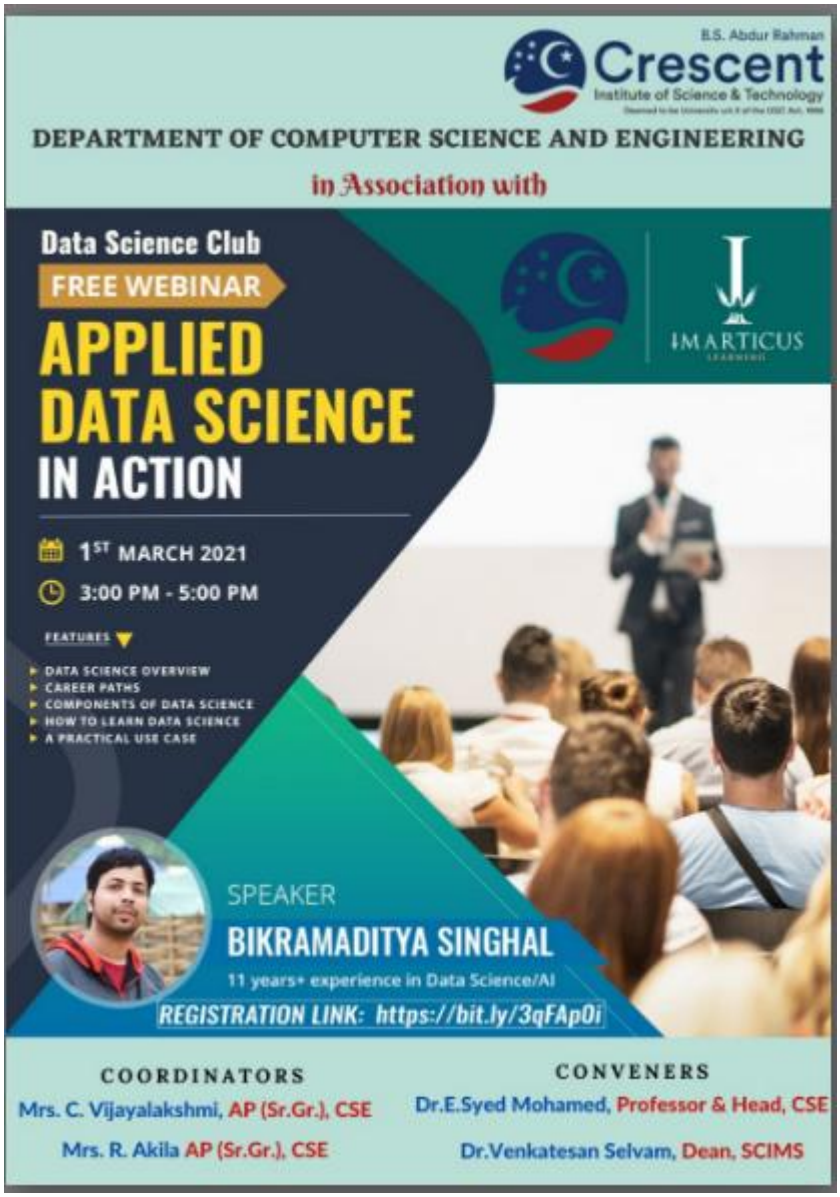

Fig. 1 Applied Data Science in Action Brochure

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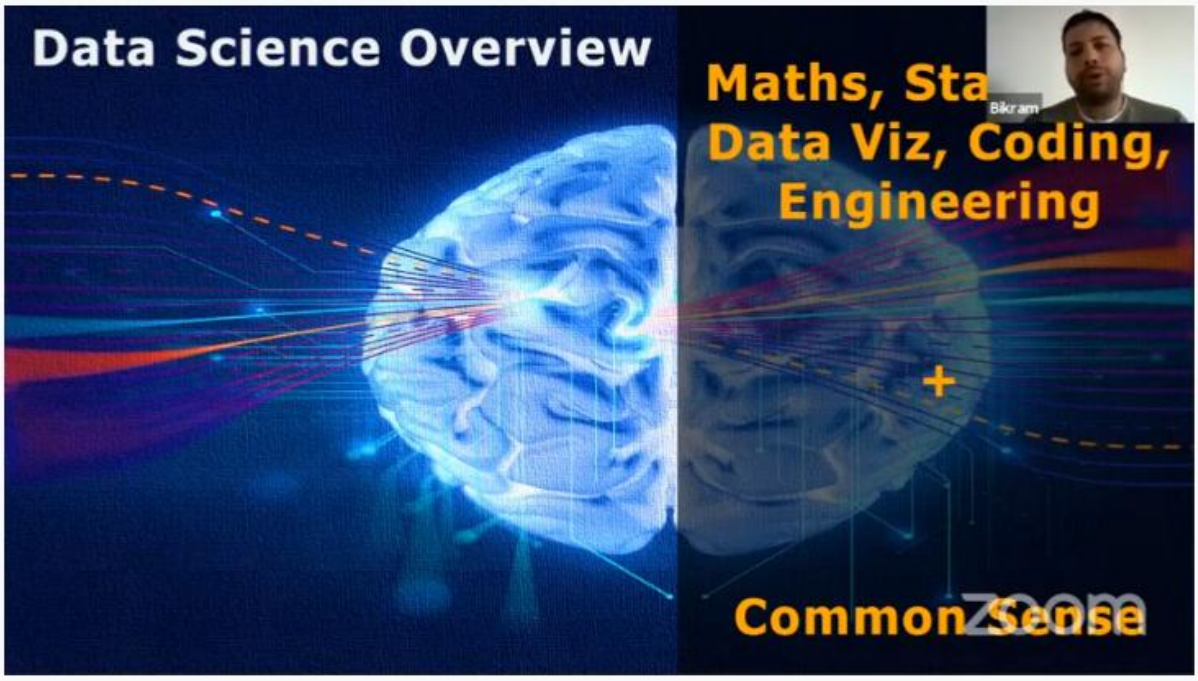
SESSION PHOTOS



DSC-Applied Data Science in Action

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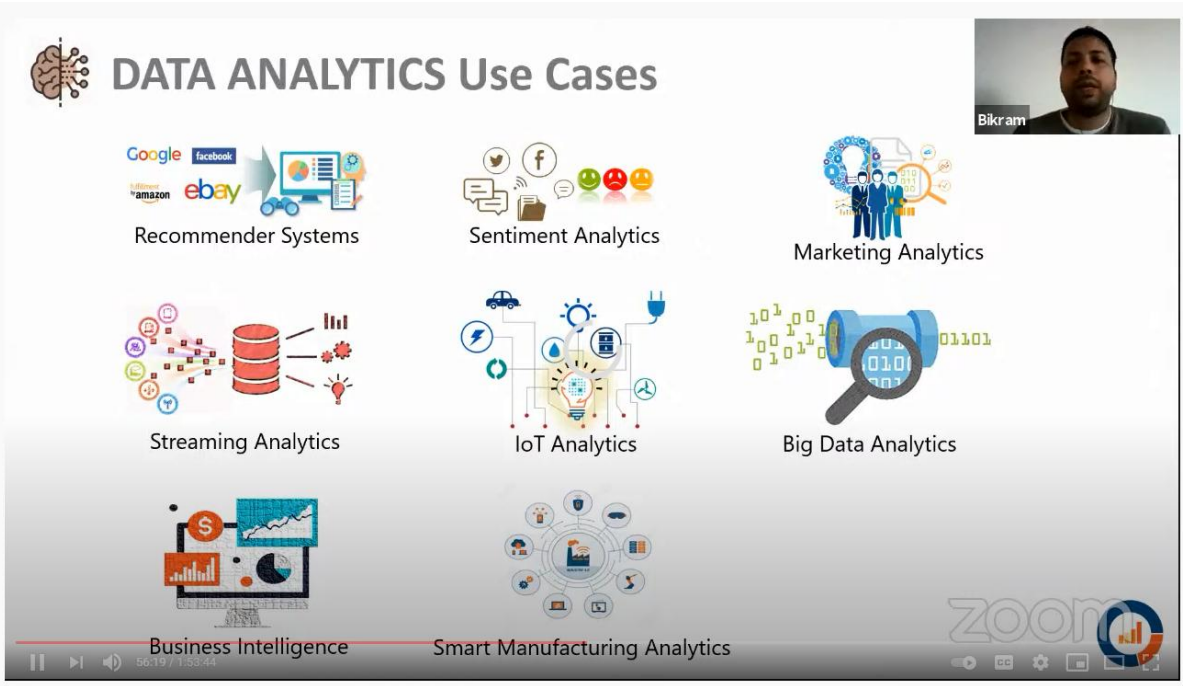

DSC-Applied Data Science in Action

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Mrs. R.Akila

Conveners

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Dr. Venkatesan Selvam, Dean, SCIMS

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Feedback on Webinar Applied Data Science in Action

On 1, March 2021

Organized by Data Science Club, Department of Computer Science and Engineering (SCIMS), BSACIST

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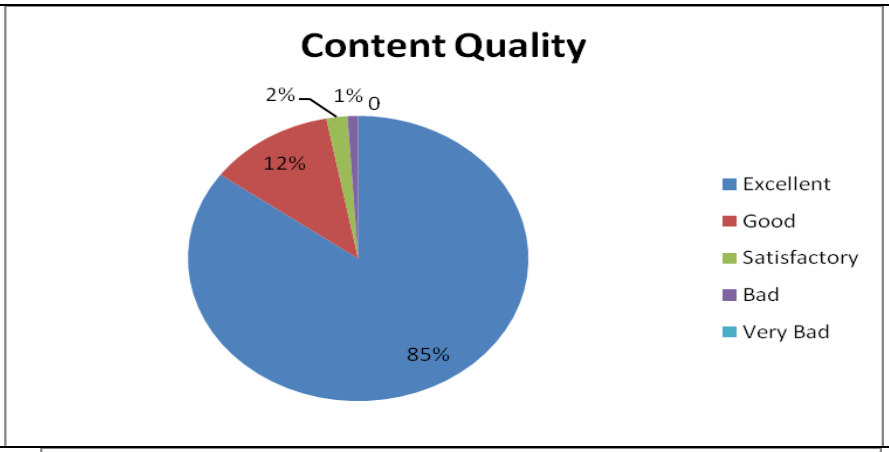
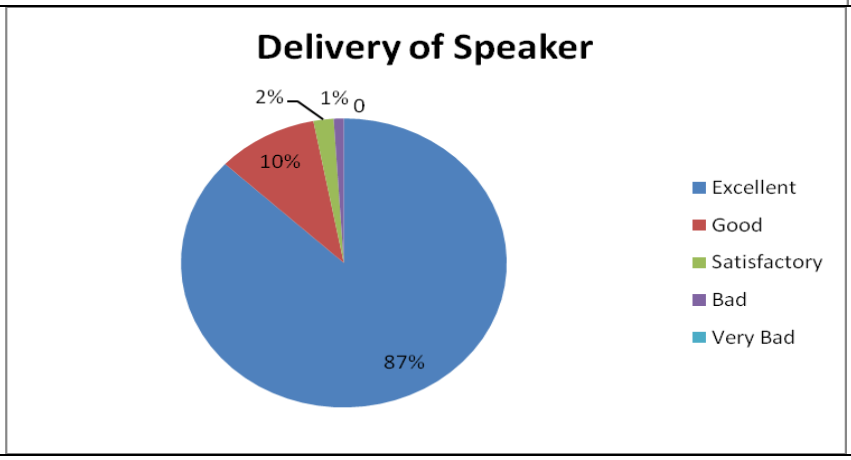
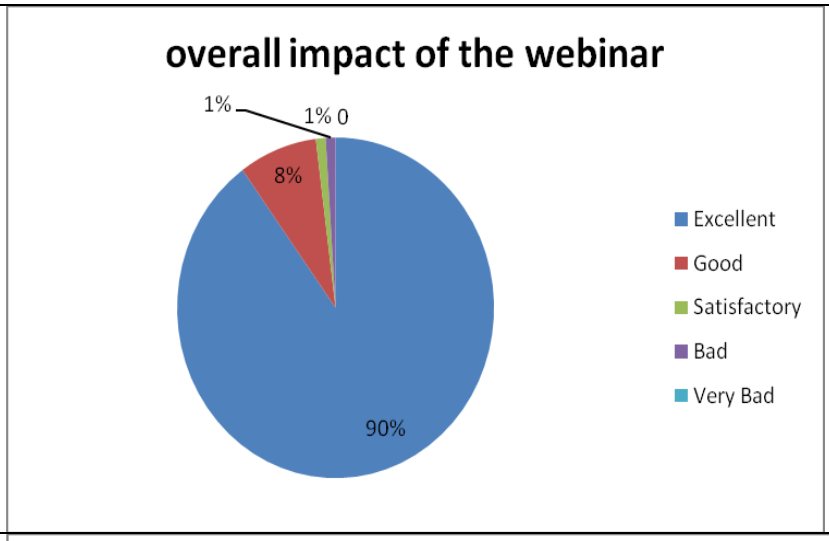
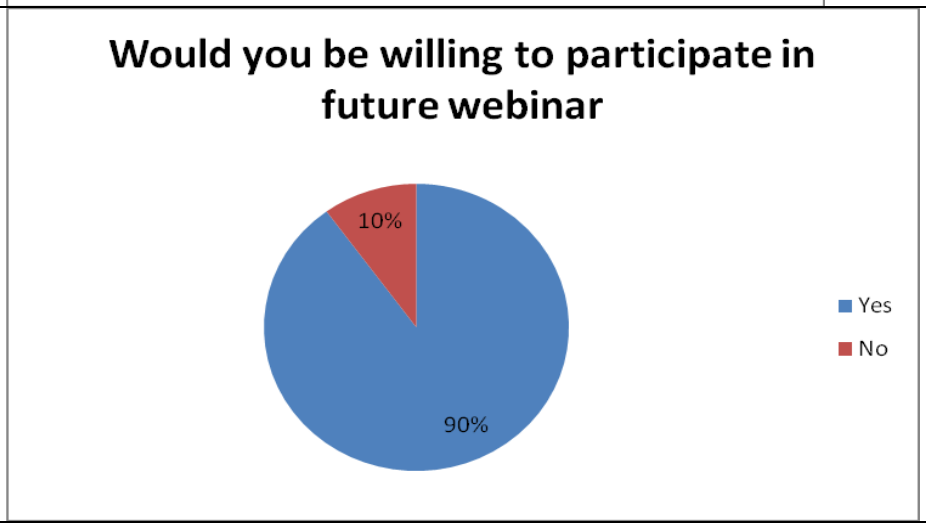
Mrs. R.Akila, AP(Sr.G)/CSE	Dr. Venkatesan Selvam, Dean, SCIMS

Feedback Points	**Analysis**	**Inference**
1) Content Quality		The Content Quality of the webinar was achieved as 85% of the participants Given Excellent.
2) Delivery of Speaker		87% percent of the participants evaluated the delivery of speaker excellent.

3) overall impact of the webinar		The) overall impact of the webinar r is appreciated by 90% of the participants.
4) Would you be willing to participate in future webinar:		90% of the participants are willing to attend the webinar in future.

The overall organization and deliverance of the webinar was helpful and satisfying to 86% of the participants. This webinar would help the students and faculty to develop projects in Data Science field.

Co-ordinators

Mrs. C.Vijayalakshmi

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