



## Decoding AI – Summary of an ACM SIGAI Sponsored Event

Vandana Srivastava (ViSER; [viserllc@gmail.com](mailto:viserllc@gmail.com))

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### Event Details

The "Decoding AI" event was conducted online by ViSER for high school students and adults between Oct 10 to Oct 31, 2020 and was sponsored by ACM SIGAI. The proposal for the event was selected by ACM SIGAI from a pool of entries. It was advertised on different social media platforms and registration was available using Google forms and Eventbrite.

A total of 67 people registered for the event comprising of adults (26), high school students (22), college students (5), and others who did not declare their background (14). The registrants belonged to different states in the USA (NY, SC, TX, CA, NE) and from different countries (USA, India, England, Germany, Kenya, Nepal).

The event highlights are as follows:

- The event comprised of 4 sessions (on Saturdays), each session being 2 hours long and centered around different topics related to AI.
- The following topics were covered in four weeks: AI and Machine Learning, Data Analysis, Text Analysis and Creating Chatbots using Dialogflow. Each session included an introduction of the topic, accompanied by the hands-on project.
- The participants were introduced the basics of Python programming in the first session of the event. In the second session, we trained them to use Jupyter notebook online (<https://jupyter.org/try-binder>) so that they can follow the programming projects.
- In session 1, the participants took part in a short quiz. In sessions 2 and 3, two high school students, who did their internship with ViSER, presented their Data Analysis and Text Analysis project. In session 4, an expert in AI gave a 10 min talk on AI and Ethics.

### Study Material For The Event

The video recording of all the sessions, Jupyter notebook with programs, and data files were

shared with the participants. These files were shared either during or after each session on [github](#). The recordings are available at:

- Session 1: Intro to AI and Machine Learning ([video - part 1](#)) and ([video - part 2](#))
- Session 2: Python for Data Analysis ([video](#))
- Session 3: Machine Learning for Text Analysis ([video](#))
- Session 4: How to Create Chatbots using Dialogflow? ([video](#))

The event feedback was very positive and encouraging. All the respondents showed interest in having more events like this in the future. ViSER would like to thank ACM-SIGAI for sponsoring this event.



**Vandana Srivastava** is Founder and CEO of [ViSER LLC](#), a services company for individuals - providing learning resources, and businesses - providing data driven solutions. She has more than 10 years of experience in both industry and academia in USA and India. Vandana has MBA in Financial Management from Pace University, NY and MS in Computational Mathematics from Arizona State University, AZ. She has worked as Vice President (Tantiv4), Incentive Analyst (IBM), in USA and as Assistant Professor of Computer Science, Mathematics and Finance in different Colleges in India, including Indian Institute of Technology (IIT), Delhi.