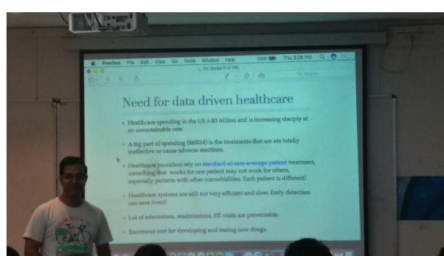# Leadership Lecture Series organised by Autonomi Society of CIC

In the next of the leadership lecture series, an interaction of the students and faculty members of Cluster Innovation Centre with Janu Verma was scheduled on 21st September 2017.

Janu Verma works in the HealthCare Analytics Research Group. Previously, he was a Quantitative Researcher in computational genomics at Cornell University. He has held research positions at Machine Learning Lab at Kansas State University, Tata Institute of Fundamental Research, Mumbai, and at Jawaharlal Nehru Center for Advanced Scientific Research, Bangalore. His work has appeared in IEEE Vis, IEEE PacificVis, KDD, Computer Graphics and Applications, Nature Genetics, IEEE Sensors Journals, IEEE International Conference on HealthCare Informatics etc. His current focus is on the development of visual analytics systems for understanding and transparency of machine learning models.

Mr Janu Verma Talked about the need for data driven healthcare. He introduced to the students the application of machine learning and data mining. The application of temporal sequence mining and predictive models were also discussed.

He went on to explain how same concepts can be used to solve problems in Drug discovery and text classification. In his talk, Janu Verma also emphasized the importance of studying various branches of Mathematics like Graph Theory, Linear Algebra, Probability and Statistics and informed the students how the concepts are being utilized in these real life problems.