INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) COMPUTER SOCIETY CHAPTER HYDERABAD SECTION IN ASSOCIATION WITH IEEE AGI

08/05/2020

SUB: Report on webinar big data application for transportation: a case study at the nebraska department of transportation
Date: 08th May 2020
Time: 11:00AM-12:30PM
Venue: Cisco WebEx Meet
Speaker: DR. Sandeep Singh Rawat
        Professor C.S.E., A.G.I
        Senior Member, IEEE
No. of Participants:

Objective: The Main Objective of this webinar is With this technology an organisation or individual can obtain, store, transform and analyse large amounts of data to solve specific problems. A data driven approach of nerbraska department of transportation One can build predictive data models and detect future trends.

The speaker also explained what is big data in transportation?
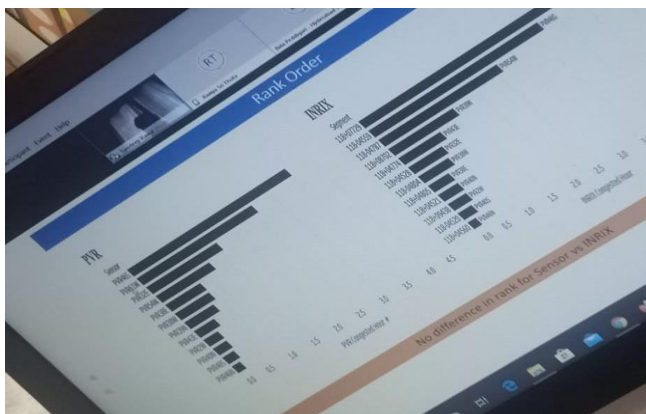He stated that the large and complex data sets –difficult to process using traditional data technology
He stated that 4 v's of big data are:-
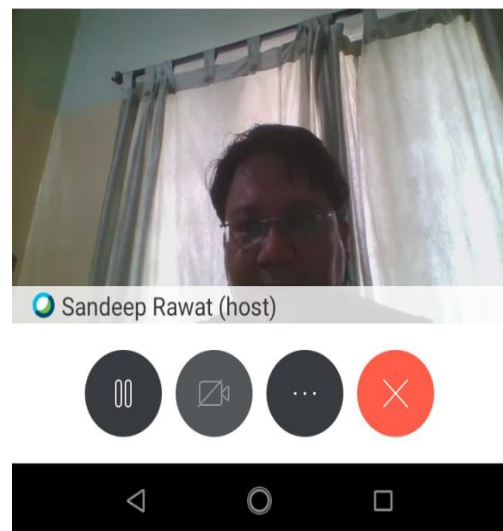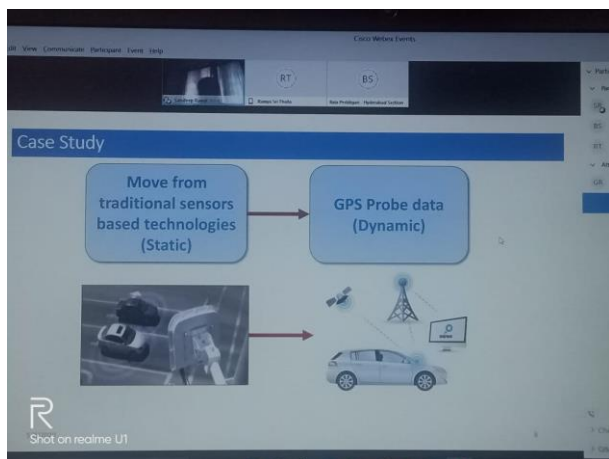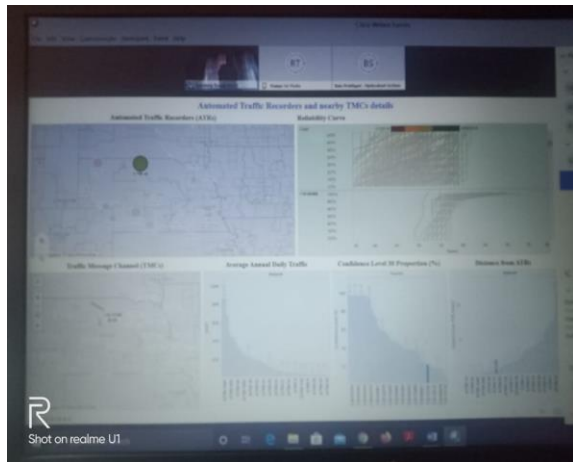 1.volume
  2.velocity
  3.variety
  4.veracity
And explained them very effectively and clearly to all the participants
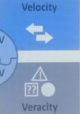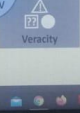
Also differentiated the probe data Vs Traditional sensor data and said that presently Nebraska maintained 65 Automatic Traffic Recorder covering different location
Also discussed about the rank order and showed the graph of rank order between PVR and INRIX and there is no difference in rank for sensor Vs INRIX

Some snaps during the webinar are as below :

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