Digital samvad
an open round table

DATA:

THE DISPUTE, THE GOVERNANCE AND THE DISRUPTION

Presented by:

DIGITAL SAMVAD TEAM

Er. Ganesh Shah | Mr. Nidesh Maskey

Mr. Hempal Shrestha | Mr. Razan Lamsal

Compiled by: Ms. Simana Hitang

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June 2021 | जेष्ठ, २०७८

www.digitalsamvad.org

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The presentation and information provided by the Resource Persons and participants, compiled in this publication do not imply the expression of any opinion on the part of the Digital Samvad Team.

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SECTION - A: THE BEGINNING

Chapter I
The Concept Paper

Public link for inputs of this collaborative document: https://bit.ly/3hGOird

सन्दर्भ (Context):

Data is the reflection of facts that can be expressed in different formats for processing and refining through algorithms for humans to understand and assist her in choosing the best option while making a decision. Nepal, for the past few decades, has attempted to understand the data and use it in the planning and development process of the nation. Current COVID-19 pandemic has put data in the centre stage for the expression of the situation, human interaction, processing and drawing key signals for assisting the planning and decision making for the short, medium, and long term.

This week on June 20, 2020 (Ashar 06, 2077), the Digital Samvad team is hosting an open round-table discussion on the topic "**Data: The Dispute, The Governance, and The Disruption**". It strives to transform this forum for initiating this discourse towards developing the digital ecosystem in Nepal through **Digital Samvad**.

1. परिचय (Introduction):

It is said that data never lies, but is heavily influenced by the people, process and purpose for which the data has been captured, refined and utilized. It is evident that data is changing the face of the world and has become the new asset for any society. Further, if computerization is eating the world, then data is swallowing it.

Like other developing nations, Nepal perceives the value of the data, but it limits its scope to producing reports and assisting the decisions in action. However, nations which have invested heavily on data and reaped its benefits in growth and vision alignment, have engaged and used the data ecosystem for using it as a key tool for planning and implementing the change, rather than just for producing reports.

2. संवाद उद्देश्य (Samvad Objective):

In this background, this edition of Digital Samvad plans to:

1. Re-emphasize the importance of data at the core, its values and tracking the practice of the data ecosystem in Nepal.

2. Mapping the path travelled and trajectory set about the data and its role in planning and policy decision-making mechanism in Nepal.
3. Proposing a convincing case with key attributes for bringing the data on the table for key planning and decision making.

3. मुख्य सिकाइहरु **(Key takeaways)**

1. सम्बोधन गर्न प्रश्न र मुद्दाहरू **(Question/Issues to be Raised/Addressed)**
   a. The report is in the centre of the planning and decision-making process. Whereas, Data should be in this position.
   b. The report is used for verification purposes, thus the predictive analysis system development is also focused on capturing data that is useful for report preparation and not developing data for the development.
   c. How to mainstream the data as tool planning and decision -making, rather only a means to report generation.
   d. Data use, data analysis, the spectrum of Data, and Data Authority
   e. Data so generated is not clean, the cost associated with cleaning the data is difficult and it is getting costly. The machine using these data is not able to predict correct results. It is leading to false impressions, thus endangering the entire data capturing and digitalization process.
   f. Need for Data Standard and process to ensure it in Nepal.

2. सम्बन्धित संसाधन **/** पुस्तकालय **/** कागजात **(Related Resources / Library/Document)**

4. स्रोत व्यक्ति **/** योगदानकर्ता **(Resource Person/ Contributors)**:

1. **Mr. Vivek Rana** - Enterprise Architect - Digital Systems, InfoAssure Pvt. Ltd.
2. **Mr. Ram Hari Gaihre**, Senior Director, Central Bureau of Statistics (CBS), GoN.
3. **Mr. Kewal Prasad Bhandari**, Member Secretary, National Planning Commission, Government of Nepal.
4. **Mr. Ashutosh Mani Dixit**, Economist, and Data Visualization Expert.
5. **Mr. Ashok Kumar Byanju (Shrestha)**, Mayor - Dhulikhel Municipality, President of Municipality Association of Nepal.

5. परिप्रेक्ष्य सहभागीहरू **(**प्रस्तावित**) (Perspective Participants (Proposed)):**

1. Associated organizations:
   a. Central Bureau of Statistics (CBS), GoN.
   b. Provincial / Local Government (Representative)
   c. Other Data Collecting Organization of Local, Provincial and Federal Government of Nepal.

2. Stakeholders from:
   a. Mayor Ratnanagar Municipality - Mr. Narayan Ban
   b. Donors Community - UN, World Bank, Asia Foundation.
   c. Nepal in Data
   d. Facts Nepal

3. Representatives from:
   a. Bizmandu
4. Domain Champions/Experts/Practitioner:

a. Dr. Khim Lal Devkota, Local Governance Expert, Development Economist.
b. Mr. Asgar Ali, IT Advisor to Prime Minister of Nepal, GoN
c. Ms. Yanki Ukyab, Economist, Data Development
d. Mr. Dipendra Bahadur Chetri, Former Governor, NRB
e. Dr. Khim Lal Devkota, Local Governance Expert (Paper presentation) Development Economist.
f. Prof. Vikash Raj Satyal, Columnist, Karobar Daily.
g. Mr. Pawan Shakya, ICT Professional
h. Mr. Besh Raj Kandel, Telecom Specialist
i. Mr. Pravin Raj Joshi, IT Specialist
j. Mr. Prashna Dungel, Founder, GrowByData

6. कार्यक्रम विवरण **(Program Details):**

Topic: Digital Samvad - Data: The Dispute, The Governance, and The Disruption

Date: June 20, 2020 (Ashar 6, 2077), शनिवार - Saturday

Time: 1:00 - 3:00 PM (NPT)**.** Zoom Room opens **12:45 PM** onwards

Venue: Online @ Zoom -https://nren.zoom.us/j/61718299060

Meeting ID: 617 1829 9060

KINDLY NOTE:

- *No password is required to join the Digital Samvad 2.0. Please connect using the above Zoom link / Zoom ID.*
- *The Zoom Room opens **03:45 PM** onwards and you are requested to join the meeting at least 10 minutes before the starting time of the digital samvad. While logging in, please turn off your video and mute your audio.*
- *Kindly provide your proper display Name while participating in the meeting (Your Role | Your Display Name (Designation | Organisation) | Your Country). If you want to disclose your organisation or designation, please do so within brackets after your Display Name or share about yourself in the chatbox.*
- *To share your views, please raise your hand in the participant list section and seek facilitators approval before speaking or write a message requesting for the same from the facilitator in the chatbox of the Zoom application.*

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Chapter II
The Samvad Design & Program Outline

Time (Mins)	Particulars	Remarks
00 - 05	Opening, Introduction, and Welcome.	Er. Ganesh shah
05 - 15	Objective Highlight of the Session.	Mr. Hempal Shrestha
15 - 30	“Building data for the Nation: Which trajectory are we on?” - Key Resource Presentation	Mr. Vivek Rana
30 - 40	“Status of Data in Decision Making in Nepal” - Resource Presentation	Mr. Ram Hari Gaihre
40 - 60	All Resource Persons giving their inputs, opening remarks or sharing their thoughts on the issues raised samvad topic briefly (3-4 mins each)	Co-facilitated by: * Mr. Hempal Shrestha * Mr. Razan Lamsal
60 - 75	Follow-up Interaction between the Resource Persons and input domain champions.	
75 - 100	Discussion and follow-up questions form the participants and resource persons.	
100 -110	Resource Persons- Concluding Remarks (1 minute each)	Each Resource Person
110 -115	Summary of the discussions	Mr. Razan Lamsal
115 - 120	Appreciation and Closing of the Interaction	Er. Ganesh Shah
Onwards	Open mic Networking time	Open Mic Session

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Chapter III
Samvad Invitation & Communication

A. Invitation to Resource Persons and Participants

Subject: Invitation to join Digital Samvad - an open round table on "Data: the Dispute, the Governance, and the Disruption" this Saturday @ 1:00 PM.

Greetings!

Invitation to join Digital Samvad - an open round table on **"Data: the Dispute, the Governance, and the Disruption"** this **Saturday, June 20, 2020 (Ashar 06, 2077)**, from **1:00 - 3:00 PM (NPT)** via Zoom.

Program Details:

Topic: Digital Samvad - Data: The Dispute, The Governance, and The Disruption
Date: June 20, 2020 (Ashar 6, 2077), शनिवार - Saturday
Time: 1:00 - 3:00 PM (NPT), Zoom Room opens **12:45 PM** onwards
Venue: Online @ Zoom - https://nren.zoom.us/j/61718299060
Meeting ID: 617 1829 9060

This is the 13th edition of Digital Samvad where we try to spur discussion and draw lessons from the experience of our key resource person and domain experts. We engage with the key stakeholders for conversation and dialogue to find insights for the way ahead to 'turn the sparks into a real opportunity to do things right for the future'.

Nepal, for the past few decades, has attempted to understand the data and use it in the planning and development process of the nation. Current COVID-19 pandemic has put data in the centre stage for the expression of the situation, human interaction, processing and drawing key signals for assisting the planning and decision making for the short, medium, and long term. In this background, this edition of Digital Samvad plans to:

1. Re-emphasize the importance of data at the core, its values and tracking the practice of the data ecosystem in Nepal.
2. Mapping the path travelled and trajectory set about the data and its role in planning and policy decision-making mechanism in Nepal.

3. Proposing a convincing case with key attributes for bringing the data on the table for key planning and decision making.

Kindly find attached herewith the concept note for your kind perusal. If you require assistance or need more information, please visit the Google docs: https://bit.ly/3hGOird

We look forward to e-seeing you this Saturday afternoon!!

Kind Regards

Digital Samvad Team

(Er. Ganesh Shah, Hempal Shrestha, Razan Lamsal, Nidesh Maskey)

- *PS 1. : We would like to thank everyone who attended our previous Digital Samvad, which was a tremendous success filled with engaging and productive discussions. If you want a recap of our last Samvad, kindly find the online document* https://bit.ly/3dWuOMO *capturing the major highlights of the discussion.*
- *PS 2: NOTE: Please connect using the link (Zoom ID) at least 10 mins. prior to the digital samvad time and turn off your video and mute your audio. Zoom Room opens* ***12:45 PM*** *onwards. Kindly provide your proper display Name while participating in the meeting. To share your views, please use the chat function and raise your hand in the participants' list to speak.*

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SECTION - B: THE SAMVAD

Chapter IV
"Budgeting for Digitalizing Nepal" - The Samvad

0. Samvad Summary (Nepali):

डिजिटल संवादको १३औं शृंखलामा बोल्दै पूर्वमन्त्री गणेश शाहले गुड गभर्नेन्सको लागि पनि डेटाको प्रयोगमा जोड दिनुपर्ने बताए । डिजिटल नेपाल बनाउने अभियानमा देशअघि बढिरहेको । तर आवश्यक डेटा तथा तथ्यांक नै नभएको सन्दर्भ निकाल्दै शाहले अब डेटा एनालाइज गर्दै काम गर्न नसकेमा प्रगति ढिला हुने बताए । डा. मनोहर भट्टराईले डेटा सबैभन्दा महत्वपूर्ण शक्ति भइरहेको अवस्थामा हामीहरूले यसलाई महत्व दिन नसकेको बताए । सरकारी निकायमै डेटा प्रयोग र शेयरिङमा समस्या रहेको बताउँदै उनले डेटा ओपन प्लाटफर्ममा हुनुपर्नेमा जोड दिए । मेशिन लर्निङ, एआई, बिग डेटा र आईओटी जस्ता प्रविधिहरू डेटामै आधारित भएका कारण पनि हाम्रा डेटाहरू स्पष्ट र क्वालिटीको हुनुपर्नेमा भट्टराईको जोड थियो ।

कार्यक्रममा कार्यपत्र प्रस्तुत गर्दै विवेक राणाले डेटा राजनीतिसँग जोडिएको विषय हो र राजनीतिको प्रोग्रेस डेटाको प्रयोगसँग सम्बन्धित रहेको बताए । नेपालका सरकारी संस्थाहरू डेटामा नभई व्यक्तिमा केन्द्रित भएकाले धेरै प्रोजेक्टहरू लक्षित समुदायसम्म पुग्न नसकेको राणाले बताए । डेटा गभर्नेन्सको कुरा एकदमै महत्वपूर्ण भएको बताउँदै उनले राष्ट्रिय परिचयपत्र तथा डेटा इन्टिग्रेशनमा लगानी धेरै भए पनि काम नभइरहेको आरोप लगाए । प्रदेश १ का आइटी अधिकृत तथा प्रतिनिधि रमेश ढकालले राष्ट्रिय परिचयपत्र चाँडोभन्दा चाँडो वितरण गरिनुपर्नेमा जोड दिए । डेटा प्रयोग र शेयरिङमा सरकारी कर्मचारीको माइन्डसेट नै परिवर्तन गर्नुपर्ने उनले बताए ।

योजना आयोग र विभिन्न परियोजनाको अनुभव सँगालेका राजेन्द्र गिरीले तथ्यांक विभागलाई सरकारले प्राथमिकता नै नदिएको र डेटाहरूको सही प्रयोग नगर्दा भ्रष्टाचार बढिरहेको बताए । यसैगरी इकोनोमिष्ट आशुतोषमणि दीक्षितले प्रविधिको उच्चतम प्रयोग गर्दै डेटाको प्रयोग बढाउनेतर्फ लाग्नुपर्ने बताए । विकसित देशमा केही व्यक्तिले देशका डेटा संकलन र व्यवस्थापन गर्न सक्छन् । तर नेपालमा हजारौं व्यक्तिको सहभागिता गर्दा पनि वर्षौं लाग्ने गरेको सन्दर्भ निकाल्दै उनले प्रविधिको अधिकतम प्रयोग गर्न सुझाव दिएका छन् । कार्यक्रममा भीमध्वज श्रेष्ठ, धीरेन्द्र पन्त, विजय आरपीले पनि कार्यक्रममा डेटाको महत्व र सहज उपलब्धताको बारेमा धारणा राखेका थिए ।

Samvad Summary (English):

Speaking on the 13th series of Digital Dialogue, former Minister Ganesh Shah said that emphasis should be laid on the use of data for good governance as well. Referring to the country moving ahead in the campaign to make Nepal digital but lacking the necessary data and statistics, Shah said that progress would be slowed down if the data could not be analyzed now. Dr. Manohar Bhattarai said that while data is becoming the most important force, we have not been able to give importance to it. Bhattarai emphasized that our data should be clear and of high quality as technologies like machine learning, AI, Big Data and IoT are based on data.

Presenting a working paper at the event, Vivek Rana said that data is a subject related to politics and the progress of politics is related to the use of data. Rana said that many projects could not reach the target community as Nepal's government institutions are focused on individuals and not on data. Stating that the issue of data governance is very important, he said that although there is a lot of investment in national identity card and data integration, it is not working. State 1 IT Officer and Representative Ramesh Dhakal stressed on the need to distribute the national identity card as soon as possible. He said that the mindset of government employees should be changed in data use and sharing.

Rajendra Giri, who has experience with the Planning Commission and various projects, said that the government has not given priority to the statistics department and corruption is on the rise due to misuse of data. Similarly, economist Ashutosh Mani Dixit said that the use of data should be increased by making the highest use of technology. In developed countries some people can collect and manage the data of the country. However, referring to the fact that it takes years for thousands of people to participate in Nepal, he suggested making maximum use of technology. In the program, Bhimadhwaj Shrestha, Dhirendra Pant, Vijay RP also spoke about the importance of data and easy availability in the program.

1. Samvad Knowledge Base

2. Samvad Highlights

डिजिटल संवादको १३औं शृंखलामा बोल्दै पूर्वमन्त्री गणेश शाहले गुड गभर्नेन्सको लागि पनि डेटाको प्रयोगमा जोड दिनुपर्ने बताए । डिजिटल नेपाल बनाउने अभियानमा देशअघि बढिरहेको । तर आवश्यक डेटा तथा तथ्यांक नै नभएको सन्दर्भ निकाल्दै शाहले अब डेटा एनालाइज गर्दै काम गर्न नसकेमा प्रगति ढिला हुने बताए । डा. मनोहर भट्टराईले डेटा सबैभन्दा महत्वपूर्ण शक्ति भइरहेको अवस्थामा हामीहरूले यसलाई महत्व दिन नसकेको बताए । सरकारी निकायमै डेटा प्रयोग र शेयरिङमा समस्या रहेको बताउँदै उनले डेटा ओपन प्लाटफर्ममा हुनुपर्नेमा जोड दिए । मेशिन लर्निङ, एआई, बिग डेटा र आईओटी जस्ता प्रविधिहरू डेटामै आधारित भएका कारण पनि हाम्रा डेटाहरू स्पष्ट र क्वालिटीको हुनुपर्नेमा भट्टराईको जोड थियो ।

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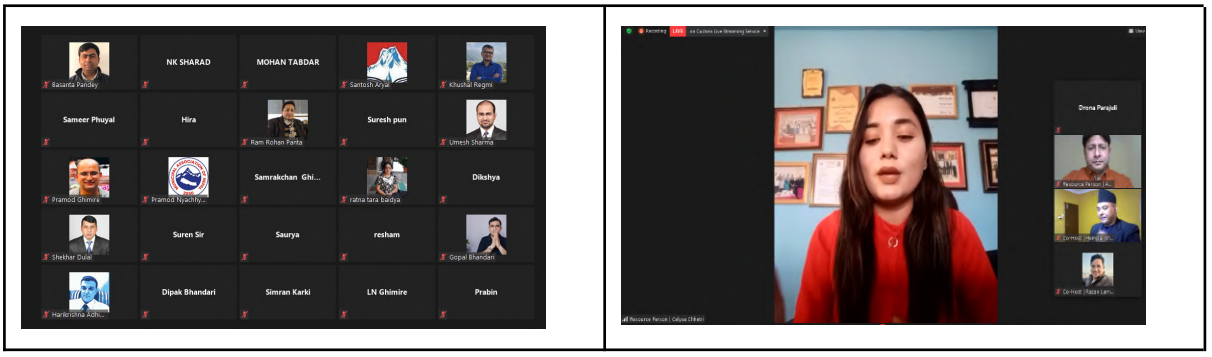
A. Samvad Banner:

B. Samvad ZoomShots:

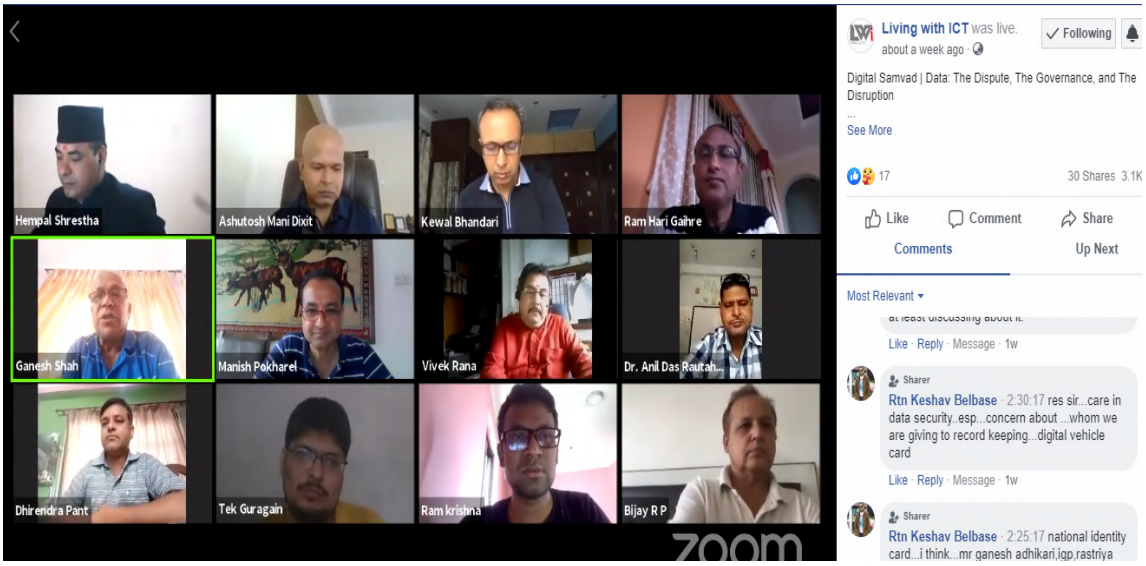


ZoomShots from the Main Event on ZOOM | Digital Samvad 1.0

C. Digital Samvad 2.0 Live on Facebook:

Youtube recorded version - https://www.youtube.com/watch?v=UMWsZF47v2w

Facebook LIVE version - https://bit.ly/38bWyLI



Media/News Coverage :

https://www.karobardaily.com/news/economy/33130
https://aarthiknews.com/news/19537?fbclid
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https://www.arthikpage.com/archives/22753?fbclid
https://www.eaarthik.com/2020/06/57251/?fbclid
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https://onlinekendra.com/?p=53729
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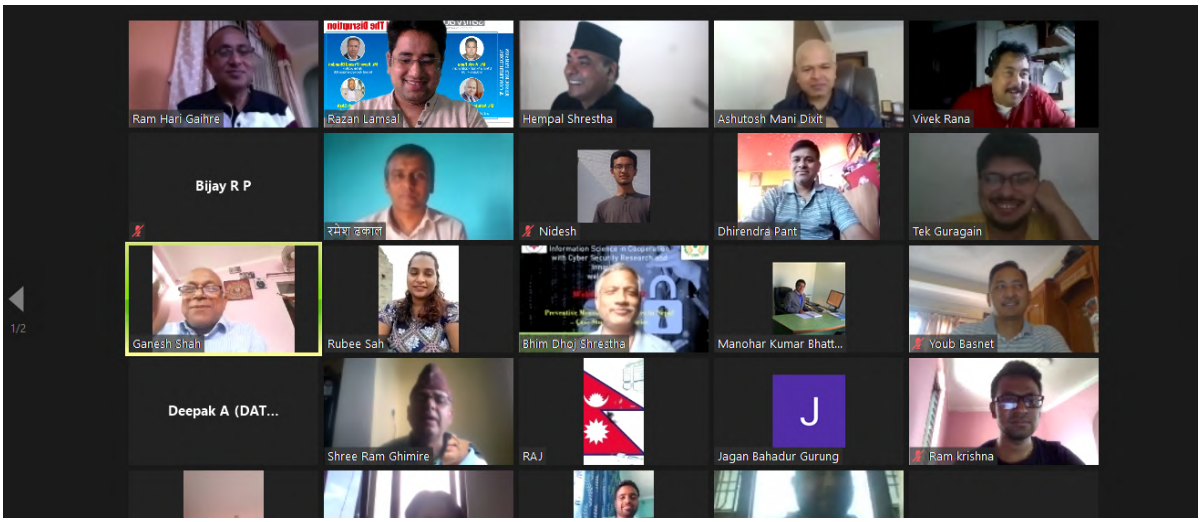
https://ictsamachar.com/news-details/2746/2020-06-19

Screenshots



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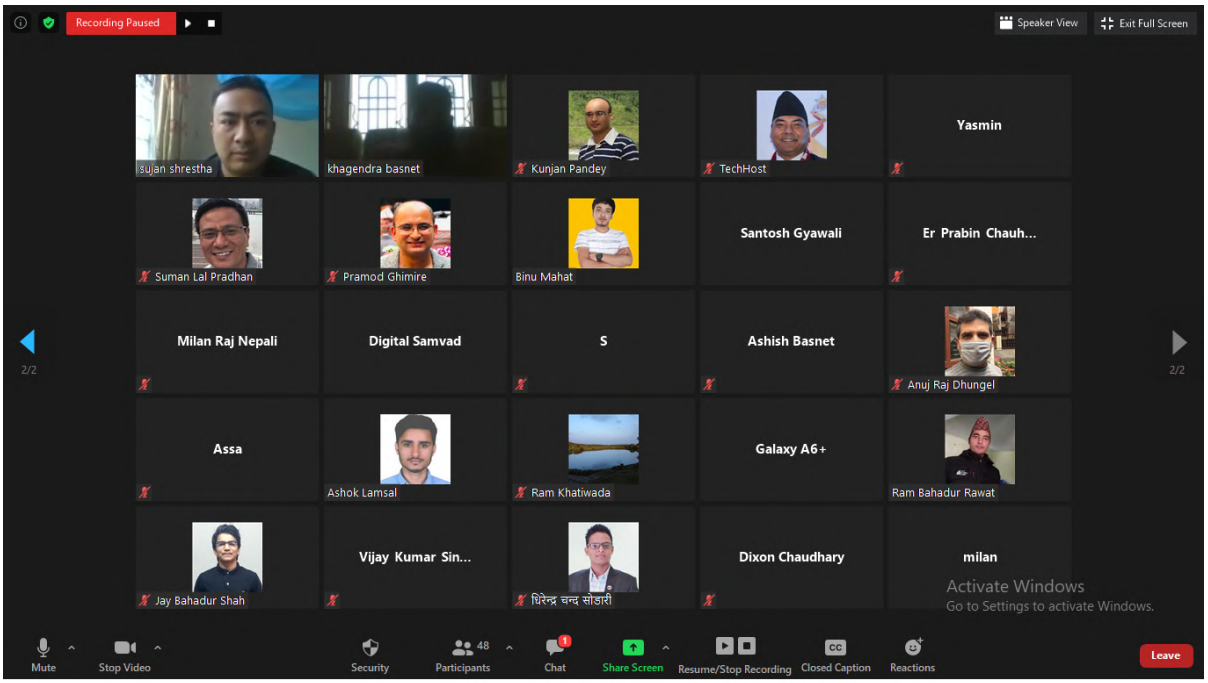
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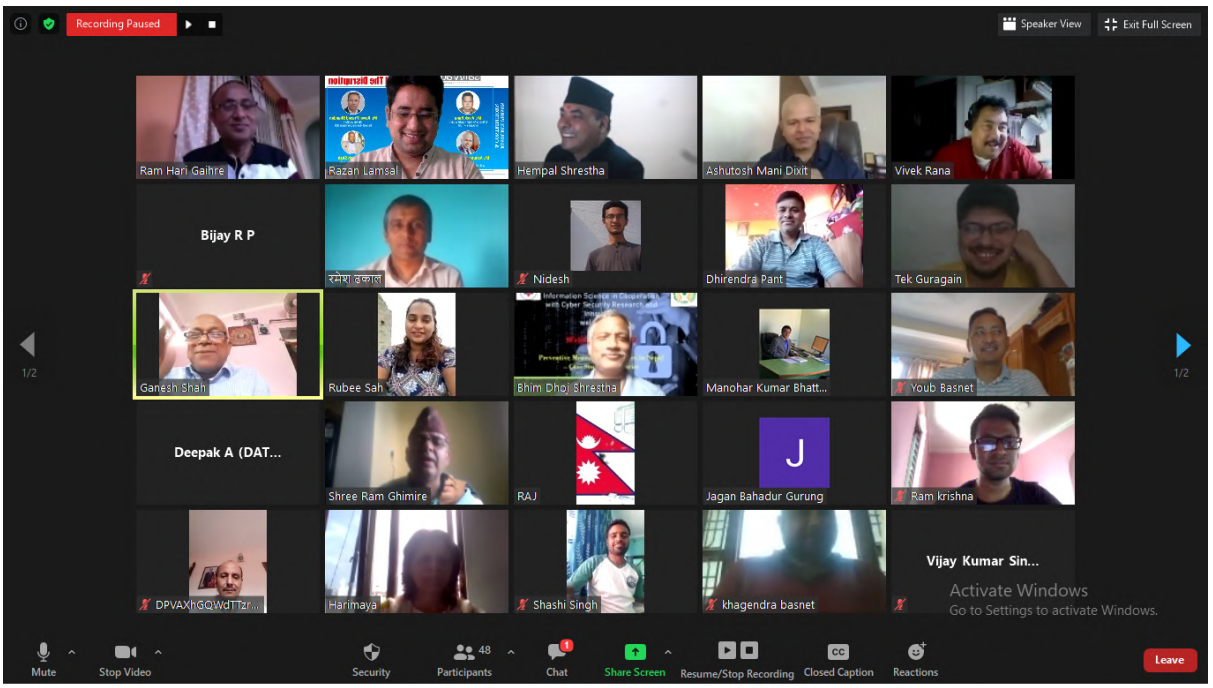
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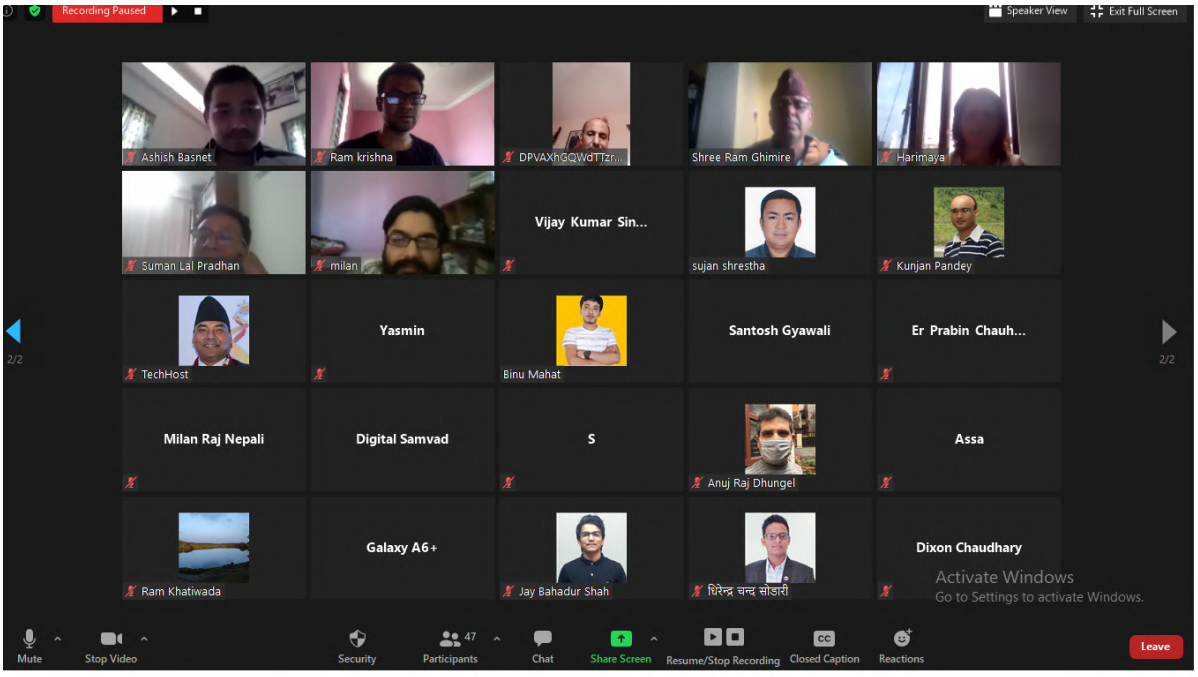
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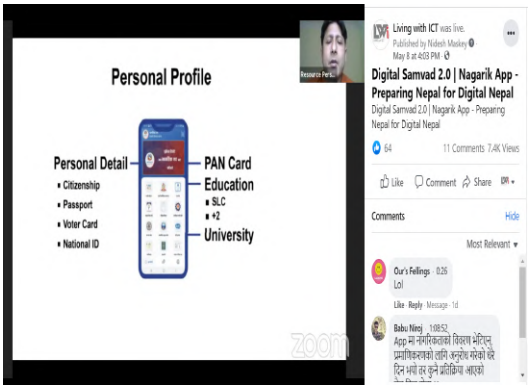
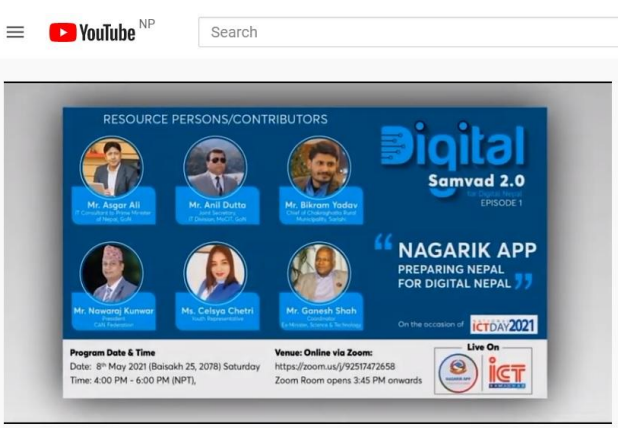
i. [Facebook](#) *Live on ICT Samachar*



ii. [Facebook](#) *Live on Living with ICT*

D. Edited Video of Digital Samvad on YouTube:



Digital Samvad 2.0 Episode-1

[Digital Samvad 2.0 Episode-1, - YouTube]

[Digital Samvad 2.0 Episode-2 - YouTube]

E. Samvad Interactions, Comments, Feedback and Suggestions

Note: No edits, spelling corrections or modifications have been committed to any chats, views, or opinions. All the interactions, suggestions, feedback, and comments are presented as it is.

1. **Social Media & Chat |** From Hempal Shrestha : Namaster and welcome Onboard to Digital Samvad - We will be recording the session as well as going live on FB, Please do send message of chat - Host
2. From Dhirendra Pant : hello everyone. I am a migrant specialist, banker, economist and international cricket commentator. I have been in banking sector since 21 years and have worked in Gulf since 2005 representing banks and remittance company. Myself is Mr. Dhirendra Pant. Pls. send me the text of the samvad at my email dhirendra.pant@boomremt.com
3. From Ridesh Rai : Waoo Impressive Presentation
4. From Ram krishna : very insightful and informative presentation Vivek sir
5. From Ridesh Rai : I think Vivek Sir's Presentation made us more clear on Data Importance
6. From Milan Raj Nepali : Insightful and Wonderful presentation from Respected Vivek Sir! :)
7. From Dhirendra Pant To Hempal Shrestha(Privately) : Vivek Rana sir have presented very well pertaining to the data efficiency, quality and correlation aspects. His presentation will be very prudent to Government of Nepal and all stakeholders like banks, insurance companies, government agencies, municipalities and all.
8. From Hempal Shrestha : We will be sharing these presentation with the report to all the participants , if you want to receive it in your meial, plase do share your email IDs. Also you can access the public link for live Google docs: https://bit.ly/3hGOird
9. From Dixon Chaudhary : I agree with Vivek Rana sir about the effect and consequences of poor quality of data and using those data in Machine Learning algorithms for further analysis but before feeding data to the algorithm we can preprocess and clean the data as needed by the algorithm. There are numerous techniques and libraries for data preprocessing and data cleaning. However, the data analysis process would be much faster if we already have good quality of data.
10. From Dixon Chaudhary : The importance of Data Science and Machine Learning Algorithms along with IT manpower for Data Analysis seem to be more as being discussed in today's session.
11. From Jay Bahadur Shah : @ Vivek Sir, Is the politicisation of the data inevitable? Can it be ruled out from its politicisation? What are the fireproofs (if any) you suggest to make data rid of its imposed ' authoritative allocation of values' to make data more transparent and trustable? Can you please some share instances if the attempts have been made for the same in any stages like from local to global?

12. From Youb Basnet : गैरे सर, केन्द्रिय तथ्याङ्क विभागको तथ्याङ्कलाई अन्य सूचना प्रणालीमा API exchange गरेर signle comprehensive database बनाउन किन नसकिएको हो ? एउटै तथ्याङ्कलाई अन्य सूचना प्रणालीमा प
13. From Youb Basnet : पुन लिन पर्ने भएको छ । के हामी तथ्याङ्कको integration गर्न सक्दैनौं
14. From Milan Raj Nepali To Hempal Shrestha(Privately) : #Question..To all the Panelist, By the end of 2020, more than 50% of enterprise data will be in the public cloud and 71% of that data is sensitive. With the proliferation of data privacy regulations and the increasing costs of data breaches, developing a strategy to secure private data in the public cloud is essential to both supporting digital transformation initiatives and avoiding catastrophic security incidents. 1. What is the Growth trends of private data in the public cloud? 2. Is there Data Privacy regulations Law in Nepal? 3. What are the Data breach trends in Nepal? 4. What are the Data Security Controls for public cloud data?
15. From Yamuna Ghale : Dear all, how do we ensure the national statistics make sure the women-responsive indicators such as definition of women headed households, women in enterprising, status of women's and youth's access to assets for enterprising and business
16. From Vivek Rana : @ Jay B Shah your questions are very pertinent. One way if full disclosure/complete disclosure of data before sharing/re-use. Not sure how we can implement this in the current context of the country. A candid example of this is the recent growth rate made public by the Government and its relevancy.
17. From Dixon Chaudhary : To make the data integrated in one place, Blockchain Technology is one of the best option.
18. From Dixon Chaudhary : Government is searching for manpower whereas manpower (IT graduates) are searching for job opportunities. This is bitter truth of Nepal. If only required job vacancies are opened then I don't think there will be shortage of manpower. Our country produces thousands of IT graduates every year. Why not to utilize them?
19. From Vivek Rana : @Dixon Chaudhary Yes I agree with the chain of trust but when our data itself is weak, this will produce weaker outputs. The key is to first have good data governance in place to build on technology platform and not the other way around.
20. From Milan Raj Nepali To Hempal Shrestha(Privately) : Why is Nepal's Government Data not Redundancy?
21. From Dixon Chaudhary : @Vivek Rana sir, I agree with you sir. There should be proper data collection and management policy at the initial stage as suggested by you.
22. From Dixon Chaudhary : In some cases, Data cleaning and pre processing techniques might also be useful. Here is the blog that describes how these processes can be carried out:

https://medium.com/analytics-vidhya/data-cleaning-and-preprocessing-a4b751f4066f

23. From Dhirendra Pant To Hempal Shrestha(Privately) : Sir can I have some of my queries and inputs to data and digitalization aspects
24. From Hempal Shrestha : Dear Participants, if you want to share you rinputs, or share insights for samvad, woudl request you to kindly put in the chat and raise your hand in the participants list as wel
25. From Kewal Bhandari : केही विषय राख्न जरुरी भयो। यता आएका प्रश्नहरुलाई सङ्गक्षिप्त संवोधन गर्नु पर्ला।
26. From Youb Basnet : प्रविधिको प्रयोग र तथ्याङ्क एक आपसमा जोडीएका विषय हुन । यसले नवप्रवर्तनलाई पनि प्रोत्साहन गर्दछ । सुशासनलाई सुधार्न मद्दत गर्दछ ।
27. From Youb Basnet : शेयर गर्नै नसकिने तथ्याङ्क या पुन: प्रयोग गर्न अफ्ठ्यारो पर्ने तथ्याङ्कको प्रयोग न्यून हुन्छ । data exchange हुने व्यवस्था होस ।
28. From subedip : Thank you Hempalji,thoroughly enjoyed presentation and discussions
29. From Hempal Shrestha : @Subedip, thank you for your time and participation, please do look toward the complitation reort fromthis discussion as well
30. From Hempal Shrestha : If any participants wnat to share his/her inputes, please do raise yoru hand,
31. From Hempal Shrestha To Dhirendra Pant(Privately) : Sir, I will request for your input, Please try to be a concise as posbile.
32. From Milan Raj Nepali : How is open government data being used in practice in Nepal?
33. From Dixon Chaudhary : We are having lack of Digital Literacy in most parts of our country. Thank you for pointing this issue Kewal sir.
34. From Milan Raj Nepali To Hempal Shrestha(Privately) : How is open government data being used in practice in Nepal?
35. From Kewal Bhandari : केन्द्रीय तथ्याङ्क विभागबाट सबै तथ्याङ्क प्रयोग गर्न सकिन्छ। लिन सकिन्छ मिल्छ।
36. From Milan Raj Nepali : To the Panelist..Is anyone working on the relationship between the state-directed destruction of data and theories/narratives of the "information state"?
37. From Bhim Dhoj Shrestha : Yes data is being generated in multifaceted way, more and more data is generated, also data from IoT, more and more storage is required, vis-à-vis security is very important. @kewal Bhandari
38. From Kewal Bhandari : सामाजिक सुरक्षा परिचय पत्र या राष्ट्रिय परिचय पत्र यै यूनिक आइडीको अवधारणामा छ।
39. From Rubee Sah : that's only leaglly remattance amount but illegally kati dehrai huge amount ma Nepal ma paisa vutraidan x sr
40. From Manohar Kumar Bhattarai To Hempal Shrestha(Privately) : I guess data literacy (in addition to digital literacy) is also equally important.
41. From Manohar Kumar Bhattarai To Hempal Shrestha(Privately) : I can make a quick point if time permits. No sweat if time does not permit.
42. From Kewal Bhandari : यूनिक आईडी ईज मोष्ट

43. From Kewal Bhandari : जब्बर माईण्ड सेट भत्काउन जरुरी छ।
44. From Milan Raj Nepali To Hempal Shrestha(Privately) : How is open government data being used in practice in Nepal?
45. From Dixon Chaudhary : Blockchain can also be used for unique identity as well as for one door system. Here is the link about this. https://www.nec.com/en/global/solutions/blockchain/blockchain-for-digital-identity.html#:~:text=Blockchain%20has%20evolved%20significantly%20from,control%20over%20their%20own%20identity.
46. From Vivek Rana : Center Bureau of statistics is an important office but under financed. Government should allocate more resources and make this Bureau more powerful.
47. From Hempal Shrestha : We will take final insighr / inptu form our last spekaer
48. From Bhim Dhoj Shrestha : NID activities started since more than a decade, however it has been started but moving in snail-pace in the age of IT. For implementing Digital Nepal also NID is the most, as described by many participants.
49. From Dixon Chaudhary : https://consensys.net/blockchain-use-cases/digital-identity/
50. From Dhirendra Pant : Rubee ji ye that's what I mean. Due to lack of efficiency of data has made the illegal remittance to grow. Need to understand the reliability of dada to formalize the remittance. I have shared only one example of Nepali Migrants in Kuwait. There are many other data which I can share.
51. From Ram Kumar KC Kirtipur : hami kasile kunai office ma gayer kehi data mag garema RTI suchnako hak antargat aaunus vaninchha, Ani nibedan diyer kuryo, kehi jawaf painna, yeslai kasari data for private use lai saral banana sakinchha, plz
52. From Vivek Rana : NID project to be successful requires a service centric approach and not a data collection effort. Without embedding services NID will not be successful.
53. From Kewal Bhandari : दिन मिल्ने सूचना सबै दिनु पर्छ। आरटीआई नै चाहिन्छ भन्ने छैन।
54. From Milan Raj Nepali : To the Panelist..Is anyone working on the relationship between the state-directed destruction of data and theories/narratives of the "information state"?
55. From Kewal Bhandari : उपलब्ध तथ्याङ्कहरुलाई सबैले प्रयोग गर्न पाउने गर्नु पर्छ। खुला सरकारको नीति अनुसार।
56. From Kewal Bhandari : डेटा डिस्ट्रक्सन बारे स्पष्ट हुन सकिएन।
57. From Milan Raj Nepali : the world of big data is colliding with legislation regarding privacy and the way government's respond is a little give here, a little take there. In this regard the obfuscation of data to protect the privacy of the individual.
58. From Kewal Bhandari : राष्ट्रिय परिचय पत्र विषय प्रारम्भ भएको एक दशक भयो। हामीले फत्ते गर्न सकेनौं। यो हाम्रो संस्कारको समस्या हो।

59. From Kewal Bhandari : राष्ट्रिय तथ्याङ्क सम्बन्धी कानूनमा गोपनियता र प्रयोगका विषयमा उल्लेख द्ध।
60. From Dixon Chaudhary : Along with the generation of data in tremendous rate, there also should be privacy of the sensitive data which highlights the importance of Cybersecurity once again.
61. From Kewal Bhandari : नेशनल डेटा पोर्टल बनाउने विषय उच्च प्राथमिकतामा पार्न सकिएन।
62. From Milan Raj Nepali : I am talking about Is there any legal framework for Information destruction and retention or Procedural Guideline?
63. From Tek Guragain : Data and Information can be collected from local bodies now and stored central servers
64. From Kewal Bhandari : यो पद्दति छ। प्राय संसारभर नै यस्तै हुन्छ। डेटाको प्रकृति अनुसार हुनेछ।
65. From Manohar Kumar Bhattarai To Hempal Shrestha(Privately) : This validates my point on data literacy.
66. From Kewal Bhandari : सबैले डेटा केहो जान्नु पर्दैन। डेटाको प्रयोगबाट प्रभावकारी सेवा हरेक नागरिकले पाउने पर्छ।
67. From Youb Basnet : तथ्याङ्क संकलन गरे पश्चात के गर्ने?
68. From Rubee Sah : sr jaba local level kai goverment staff lai data ke ho vanne taha xaina vane hami public lai ta jhan data colection lai nai gharo hola ni
69. From Ram Hari Gaihre : सरकारी तथ्याङ्क त सरोकारवालासँग सल्लाह गरेर नै संकलन गरिन्छ । डाटा काम नलाग्ने redundent त नहुनुपर्ने हो ।
70. From Dixon Chaudhary : Proper utilization of data will be fruitful for everyone unless privacy and sensitive information is not exposed.
71. From Nilesh Adhikari : Main government data center authority ka official haru local government ma decentralize garnu parcha. National security ko under ma yi data center haru pardachan. National security ko main goal bhaneko nation ko security ra Janata ko physical/metaphysical security ho
72. From Tek Guragain : Nepalko updated naya samrachana kunai map platformma aaeko xaina
73. From Nilesh Adhikari : Suru ma government official haru ko communication secure garera matra herau. yesle data center ka official lai local/central government sanga jawafdehi bhanda national security ma jawafdehi banaucha
74. From Dixon Chaudhary : From today's discussion, it seems like there should be data center in every provincial states and local governance level for effective data collection.
75. From Ram Hari Gaihre : There is National Data Profile accessible at http://nationaldata.gov.np
76. From Dhirendra Pant : Today's session about data is very fruitful one. In my opinion data should not only be related inside Nepal, but should be advanced abroad too as the migrants' data is as well very important. The embassies and honorary counsels could be important for this role.

77. From Bhim Dhoj Shrestha : Thank you Organizers, Presenters and Participants! Keep continuing this type of Webinars
78. From Tek Guragain : yo Nepalko new pradesh ra nikaya map ma xaina how we can do it for google or other world wide map platform?
79. From Kewal Bhandari : सारांश गज्जब। थ्याङ्क यू राजेनजी
80. From Ram Hari Gaihre : Thank you for your suggestion. We will update it soon.
81. From Ram Hari Gaihre : At least the shape and other attribute data of the map will go together at National Data Profile portal.
82. From Youb Basnet : Congratulations Hempal Shrestha Jee. This is the 2nd time that I participated in the session that you moderated. You have been great!
83. From Ashutosh Mani Dixit : It was very good discourse. Much appreciated. Thanks to the organizing team.
84. From Ram Hari Gaihre : Thank you so much for the opportunity to talk little bit about the data collection practices in Nepal. Thank you everyone.
85. From Jay Bahadur Shah : thanks all DigitalSamvad Team and Panelists...thought provoking it was....
86. From Ashutosh Mani Dixit : https://www.forbes.com/sites/bernardmarr/2017/10/26/data-driven-decision-making-beware-of-the-hippo-effect/
87. From Dixon Chaudhary : I agree with Rajendra sir. Authenticity of the data really matters.

F. Samvad Sankshep:

At the culmination of the samvad, Mr. Razan Lamsal, co-host of Digital Samvad 1.0 presented the Samvad Sankshep on the Dispute, Governance, and the Disruption. He compiled the thoughts and issues shared during the Samvad as presented below:

1. **Ganesh Shah**

    - Emphasis should be laid on the use of data for good governance
    - The country is moving ahead in the campaign to make Nepal digital but lacking the necessary data and statistics

2. **Dr. Manohar Bhattarai**

    - Data is becoming the most important force, we have not been able to give importance to it
    - Data should be clear and of high quality as technologies like machine learning, AI, Big Data and IoT are based on data

3. **Vivek Rana**
    - Data is a subject related to politics and the progress of politics is related to the use of data
    - Many projects could not reach the target community as Nepal's government institutions are focused on individuals and not on data

4. **Rajendra Giri**

    - The government has not given priority to the statistics department and corruption is on the rise due to misuse of data.

Nagarik App - Preparing Nepal for Digital Nepal

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SECTION - D: THE WAY AHEAD

Chapter VI
Samvad Way Ahead

A. Samvad Niskarsa (English):

- Digital governance and data needs to be properly utilized and awared to individuals
- Data should be properly utilized in order to penetrate the best market of the country
- Data sharing from government level is highly required
- With data being the most important force, we have not been able to value it
- There is a problem in data use and sharing in government bodies
- Because technologies such as machine learning, AI, Big Data and IoT are based on data, our data needs to be clear and of high quality
- Data is a subject related to politics and the progress of politics is related to the use of data
- Many projects in Nepal have failed to reach the target community as government agencies focus on individuals rather than data
- The mindset of government employees should be changed in data use and sharing

B. Samvad Niskarsa (Nepali):

- डिजिटल गभर्नेन्स र डाटा व्यक्तिहरूलाई सही रूपमा प्रयोग गर्न आवश्यक छ
- देशको उत्कृष्ट बजार छिर्नका लागि तथ्याङ्कको सही सदुपयोग गर्नुपर्छ
- सरकारी स्तरबाट डाटा आदान प्रदान अत्यधिक आवश्यक छ
- डेटा सबैभन्दा महत्वपूर्ण शक्ति भइरहेको अवस्थामा हामीहरूले यसलाई महत्व दिन नसकेको
- सरकारी निकायमै डेटा प्रयोग र शेयरिङमा समस्या रहेको
- मेशिन लर्निङ, एआई, बिग डेटा र आईओटी जस्ता प्रविधिहरू डेटामै आधारित भएका कारण पनि हाम्रा डेटाहरू स्पष्ट र क्वालिटीको हुनुपर्ने
- डेटा राजनीतिसँग जोडिएको विषय हो र राजनीतिको प्रोग्रेस डेटाको प्रयोगसँग सम्बन्धित रहेको
- नेपालका सरकारी संस्थाहरू डेटामा नभई व्यक्तिमा केन्द्रित भएकाले धेरै प्रोजेक्टहरू लक्षित समुदायसम्म पुग्न नसकेको
- डेटा प्रयोग र शेयरिङमा सरकारी कर्मचारीको माइन्डसेट नै परिवर्तन गर्नुपर्ने