



Report on Webinar on Understanding of Data Science, Data Analytics, and Artificial Intelligence

NAME OF THE DEPARTMENT: Department of Computer Science and Engineering

1. Type of Event : Webinar on Understanding of Data Science, Data Analytics, and Artificial Intelligence
2. Resource Person : Mr.Rahul, Trainer, EXCELR
3. Date of the programme: 22.02.2024 (7 PM – 9 PM)
4. Faculty Co-Ordinator: Dr.S.Usha

Professor & Head

Department of Computer Science and Engineering

RajaRajeswari College of Engineering

Bengaluru 560074

Dr.D.Kirubha

Associate Professor

Department of Computer Science and Engineering

RajaRajeswari College of Engineering

Bengaluru 560074

6. Students attended: 3rd & 5th Semester of CSE Students (180)



7. Outcome of the programme:

Students gained information about the following:

- Data Analysts plan decision-making, improve efficiency, enhance customer experiences, and manage risks by interpreting complex data sets. Success in data analysis demands a blend of technical skills (data cleaning and statistical analysis) and soft skills (critical thinking and communication).
- Business analysts use data to form business insights and recommend changes in businesses and other organizations. Business analysts can identify issues in virtually any part of an organization, including IT processes, organizational structures, or staff development.
- Work of Data/Business Analyst
 - Data Extraction, Preparation, and transformation
 - Acquire data from primary or secondary data sources
 - Analyze the information, identify patterns and trends
 - Reports generation (Daily/Weekly/Monthly etc.,)
 - Monitor and maintain the operability of Dashboard and reporting
 - Design Dashboards, monitor performance metrics
 - Interpret data, analyze results using statistical techniques and provide ongoing reports
- Who can become Data /Business Analyst
- Data Analyst -----→ Data Scientist-----→ AI Engineer (Career Path)



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Department of Computer Science and Engineering

Banner



LIVE WEBINAR

Webinar on Understanding of Data Science, Data Analytics and Artificial Intelligence

In Collaboration With Rajarajeswari College of Engineering, Bengaluru, Karnataka.

Date: 22nd Feb, 2024

Time: 7 PM to 9 PM

+91 9606957287 edl@excelr.com www.excelr.com



Screenshots of Webinar

The screenshot shows a Zoom mobile app interface for a webinar. At the top, the status bar shows the time as 7:30, LTE2 4G+ signal strength, and 91% battery. Below the status bar, there are two buttons: 'Close' and 'Participants (189)'. A search bar is present with the placeholder text 'Search'. The main area displays a list of participants, each with a profile picture (initials or a logo), their name, and their role. To the right of each name are three icons: a cloud (mute), a microphone (mute), and a video camera (mute). At the bottom, there is a 'Hand' icon with the number '1' next to it, and three buttons: 'Invite', 'Mute All', and a three-dot menu icon. The bottom navigation bar shows a back arrow, a home circle, and a hamburger menu icon.

Participant	Role	Mute	Microphone	Video
D	D.Kirubha (Co-host, me)	Cloud	Microphone	Video
e	Amar Shevate ExcelR (Host)	Cloud	Microphone	Video
M	Madhu	Hand	Microphone	Video
RE	Rahul ExcelR (Co-host)	Cloud	Microphone	Video
I	Irfan (Co-host)	Cloud	Microphone	Video
PV	P. Vijaya (Co-host)	Cloud	Microphone	Video
SP	saloni patade (Co-host)	Cloud	Microphone	Video
*	*****	Cloud	Microphone	Video
1	1RR21CS025	Cloud	Microphone	Video
1	1RR21CS150	Cloud	Microphone	Video
1	1RR21CS157	Cloud	Microphone	Video
1	1RR21CS164	Cloud	Microphone	Video

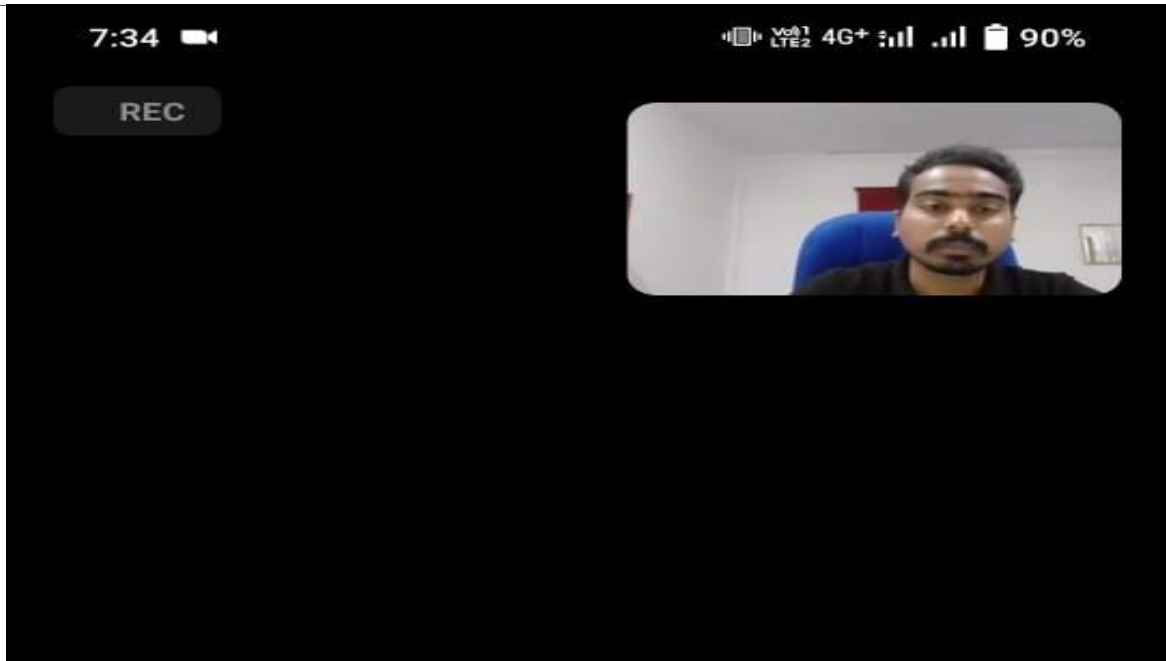


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2 Data Analyst/Data Science/AI Demo

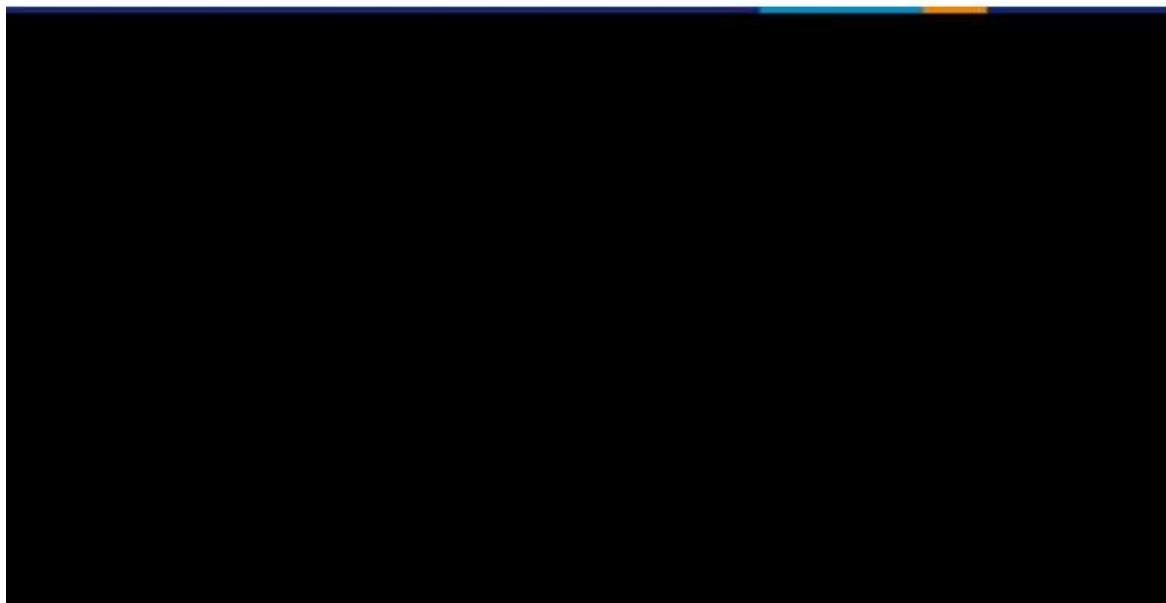


Data Analyst/Data Science/AI??

Imagine you are data Analyst/Data Science/AI of an e-commerce company that captures sales, products and other data every day and stored in a DB

What can you do with this data?

Amazon
customers





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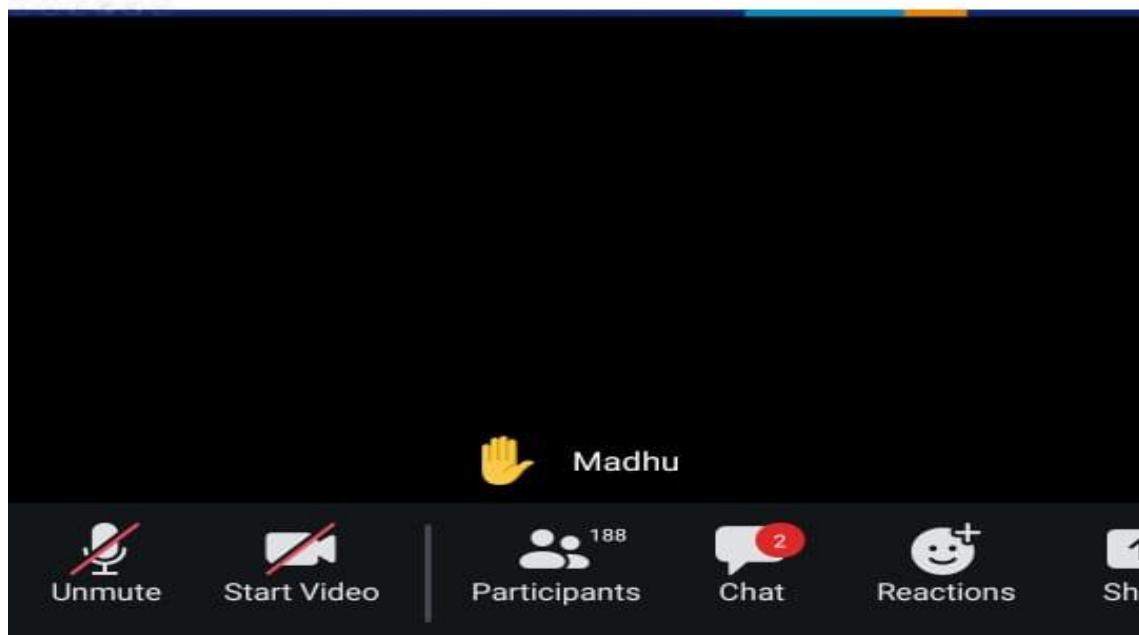
2 Data Analyst/Data Science/AI Demo



Data Analyst/Data Science/AI??

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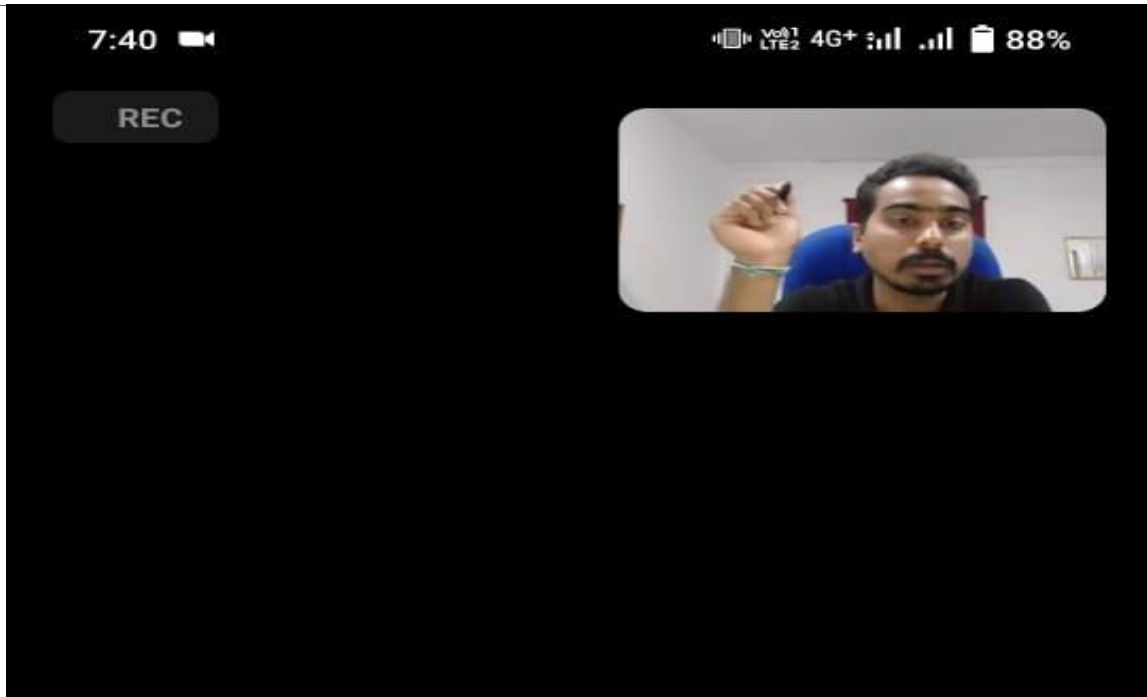


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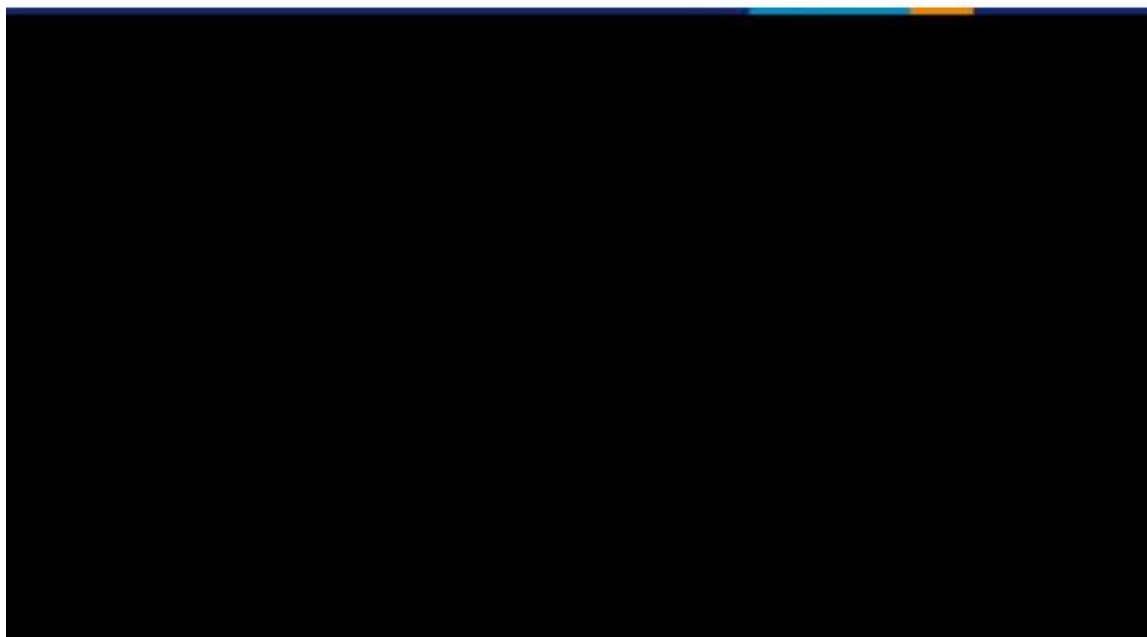
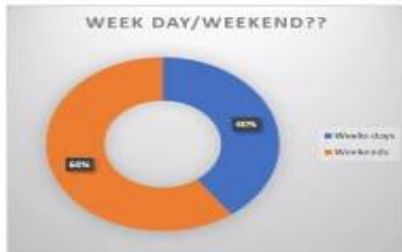
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4 Data Analyst/Data Science/AI Demo



Data Analyst/Business Analyst??





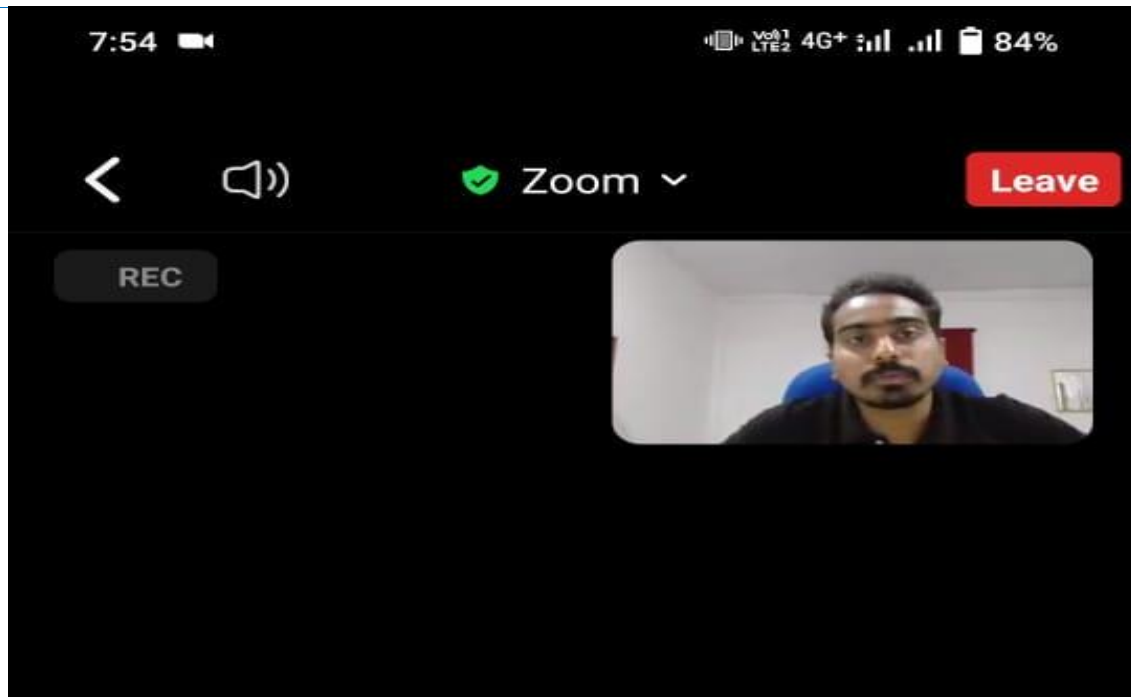
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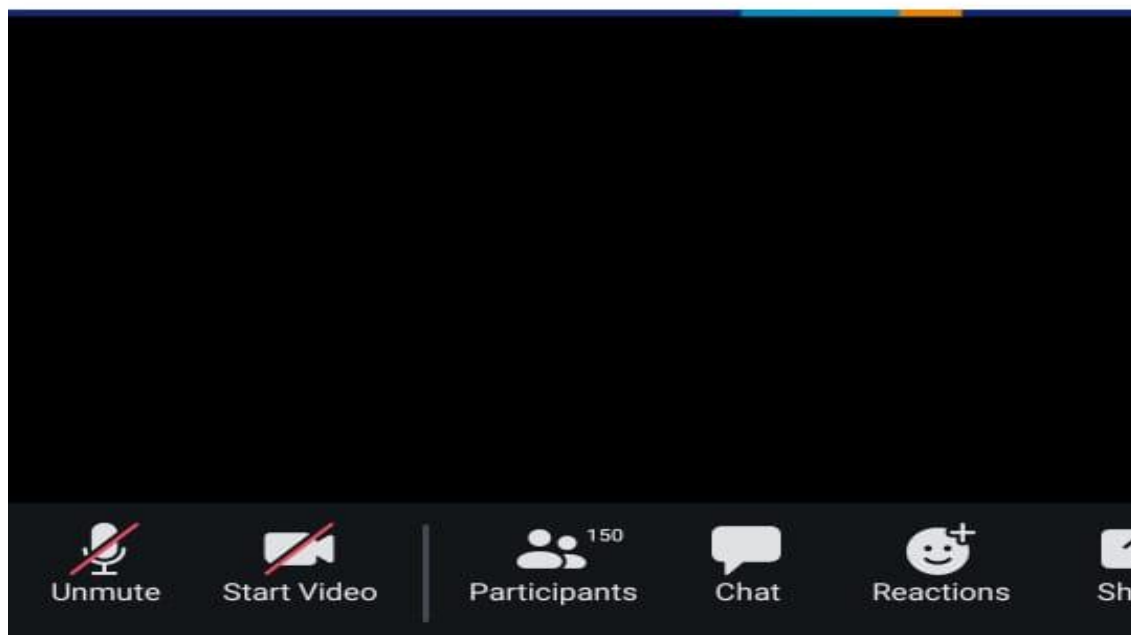
The screenshot shows a Zoom mobile app interface. At the top, the status bar displays the time 7:53, signal strength, 4G+ network, and 84% battery. The Zoom app header includes a back arrow, a mute icon, the Zoom logo with a dropdown arrow, and a red 'Leave' button. Below the header, a 'REC' button is visible on the left, and a video feed of the presenter is on the right. The presenter is a man with a beard, wearing a black shirt, sitting in a blue chair and holding a pen. The main content area shows a shared slide titled 'Report and Dash Boards' from EXCELR Learning Solutions. The slide features a dark-themed dashboard with various charts, including a bar chart, a line graph, and a donut chart. The bottom of the screen shows the Zoom control bar with icons for Unmute (muted), Start Video (video off), Participants (158), Chat, Reactions, and Share.

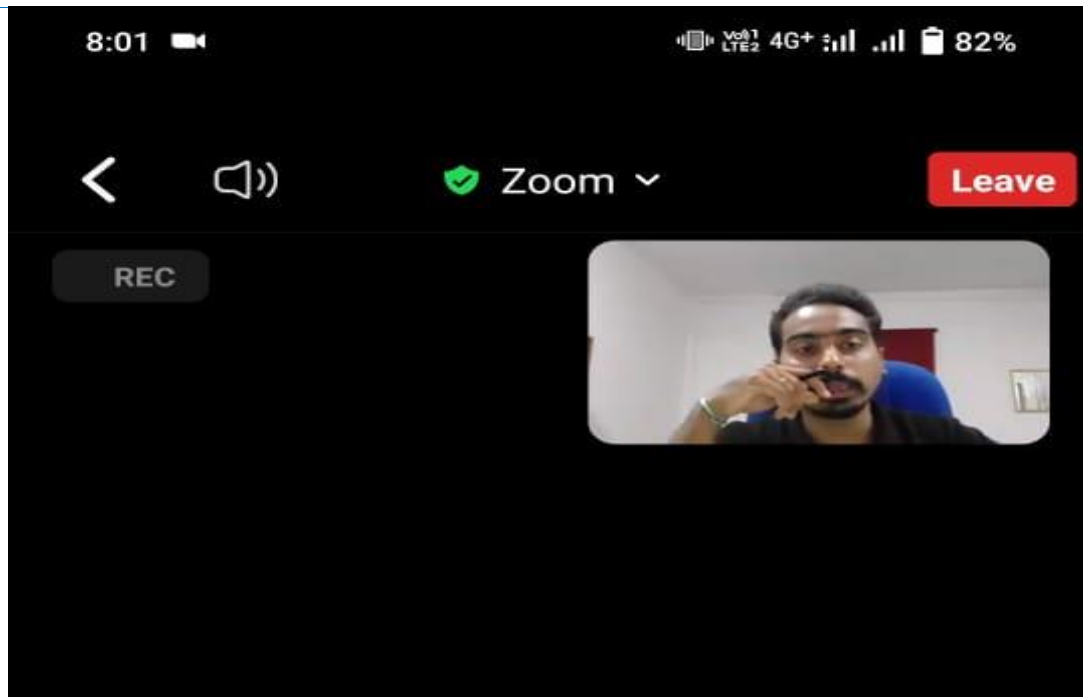


6 Work of Data/Business Analysts?



- Data extraction, preparation and transformation
- Acquire data from primary or secondary data sources
- Analyse the information, identify patterns and trends
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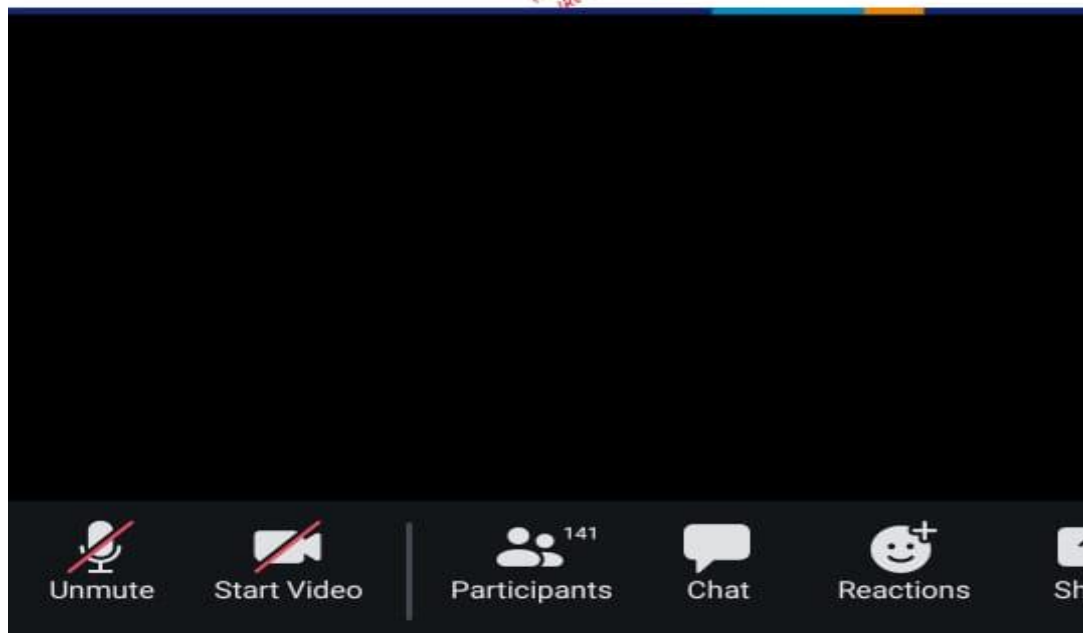
6 Work of Data/Business Analysts?

ETL → Extract, Transform, Load

- Data extraction, preparation and transformation
- Acquire data from primary or secondary data sources
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Unkempt data
Script
FO
60
70
100
120 } *Forecast*
Report





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The screenshot shows a Zoom meeting interface. At the top, the status bar displays the time 8:05, signal strength, 4G+ connectivity, and 81% battery. The Zoom control bar includes a back arrow, a muted microphone icon, a green checkmark with the word 'Zoom', and a red 'Leave' button. A 'REC' indicator is visible on the left. The main video area shows a participant's face. Below the video, a presentation slide is displayed. The slide title is 'Who can become Data Analyst/Business Analyst' and features the EXCELR logo. The slide content is as follows:

Any Graduate	Any Professional
<ul style="list-style-type: none">• B.Tech• B.Com• B.Sc• Pharmacy• MBA• BBA etc..	<ul style="list-style-type: none">• Operations• BPO• PMO• MIS• Finance• HR• Sales• Marketing

The bottom of the Zoom interface shows a control bar with icons for 'Unmute', 'Start Video', 'Participants' (132), 'Chat', 'Reactions', and 'Share'.



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The screenshot shows a Zoom meeting interface. At the top, the status bar displays the time 8:07, signal strength, 4G+ connectivity, and 80% battery. The Zoom control bar includes a back arrow, a muted microphone icon, the Zoom logo, and a red 'Leave' button. A 'REC' indicator is visible on the left. The main video area shows a participant with a hand to his chin. Below the video is a presentation slide titled 'Data Analyst/ Business Analyst Demo' with the EXCELR logo. The slide features a blue arrow labeled 'Career Path' pointing from 'Data Analyst' to 'Data Scientist' to 'AI Engineer'. The Zoom bottom toolbar shows 'Unmute', 'Start Video', 'Participants' (131), 'Chat', 'Reactions', and a share icon.