Project Report
Data Analytical Hackathon

Fully Cloudbase Solutions

Report Presented by Sanjida Rahman Shova,
BS Hons' 3rd year, Dept., Psychology

Darraj Hossain, Data Cloud Lab, USA &
Data Analytical Team, Psychology Dept., Dhaka University
28th October 2020

Powered by Google, Microsoft & AWS

Skype · Google Hangouts · Microsoft · aws

Introduction

TEAM Lead :

Inspired by: Dr. Azizur Rahman sir, honorary Professor, Psychology Dept. Dhaka University

Facilitator: Darraj Hossain, Psychology Dept., Batch 1990, Dhaka University

Admin and Coordinator: Farhana Islam, 3rd year, Psychology

Group 1 Team Lead: Sanjida Rahman Shova, BS Hons' 3rd year, Department of Psychology

Group 2 Team Lead: Shahnewaz, 3rd year, Psychology

Group 3 Team Lead: Imtiaz Gazi, 3rd year, psychology, psychologist

Report Presented by :
Sanjida Rahman Shova, BS Hons' 3rd year, Department of Psychology

Data Correction and Validated by Imtiaz Gazi, 3rd year, psychology

Questionnaire Author Details :
Rozma Lodi, 3rd year, Department of Psychology, University of Dhaka

Google and Microsoft FORM developed by Analytical Team

Total Registration = 34

KickOff Meeting of Exit Ticket_ Attendance = 29

Day 1 Technical Session Total Attendee =

Day 2 Technical Session Total Attendee =

Kickoff & Technical Session Day1 & Day2

Kickoff Technical Session

Dhaka, Date and Time: October 18, Sunday at 9 PM
US, Date and Time: October 18, Sunday at 10 AM
Attendee be ready By: At 8:45 pm (Dhaka Time) sharp
Duration: 15 Minute
Agenda: Kick-off about Pre Requirement "To-Do-Lists"
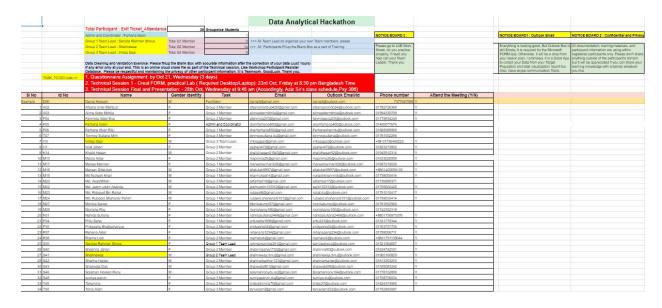Focus: Socioeconomic Research & Upload Draft Questionnaire at Google Cloud
Mandatory: To join the meeting required Correct Gmail A/C
Attendee Attention: Required Desktop/Laptop/SmartPhone/Tablet

Data Analytics Workshop

Darraj Hossain

End to End process - Deep Dive

Google Sheet

Data Analytical Hackathon

Total Participant : Exit Ticket_Attendance — 29 Groupwise students
Admin and Coordinator : Farhana Islam — 1
Group 1 Team Lead : Sanjida Rahman Shova — Total G1 Member — >>> All Team Lead do organize your own Team members, please
Group 2 Team Lead : Shahnewaz — Total G2 Member — 14 — >>> All Participants Fillup the Blank Box as a part of Training
Group 3 Team Lead : Imtiaz Gazi — Total G3 Member

NOTICE BOARD 3 :
Please go to LAB Work Sheet, do you practice properly, if need any help call your Team Leader, Thank you

NOTICE BOARD1 : Outlook Email
Everything is looking good, But Outlook Box is still Empty, It is required for the Microsoft FORM app. Otherwise, it will be a drop from your lesson plan. I promised, it is a Good App to collect your Data from your Target Population and data visualization report too. Also, have skype communication Tools.

NOTICE BOARD 2 : Confidential and Privacy
All documentation, training materials, and participant information are using within registered participants only. Please don't share anything outside of the participant's domain but it will be appreciated if you can share your learning knowledge with anybody whatever you like.

Data Cleaning and Validation Exercise: Please fillup the Blank Box with accurate information after the correction of your data (Just Yours) If any error only at your end. This is an online cloud share file as part of the Technical session, Like Workshop Participant Register Database. Please be respectful and maintaining the privacy of other participant information. It is Teamwork. GoodLuck. Thank you.

TASK, TO DO Lists >>
1. Questionnaire Assignment: by Oct 21, Wednesday (3 days)
2. Technical Session 1 - Creat FORM, practical Lab (Required Desktop/Laptop): 23rd Oct, Friday at 8:30 pm Bangladesh Time
3. Technical Session Final and Presentation: - 28th Oct, Wednesday at 9:45 am (Accordingly, Aziz Sir's class schedule,Psy 306)

SI No	Id No	Name	Gender Identity	Task	Email	Outlook Email/Id	Phone number	Attend the Meeting (Y/N)
Example:	D00	Damaj Hossain	M	Facilitator	damjit@gmail.com	damjit@outlook.com	7377047586	Y
1	A02	Afsana binte Mahbub	F	Group 3 Member	afsanamahbub420@gmail.com	afsanaanondo24@outlook.com	01762726368	Y
2	A03	Alima Akter Mithila	F	Group 1 Member	alimaaktermithila@gmail.com	alimaaktermithila@outlook.com	01964335700	Y
3	F04	Fahmida Akter Eva	F	Group 2 Member	afshmida203@gmail.com	fahmidaeva203@outlook.com	01778834240	Y
4	F05	Farhana Islam	F	Admin and Coordinator	islamfarhana400@gmail.com	islamfarhana400@outlook.com	01400077674	Y
5	F06	Farhana Khan Ritu	F	Group 1 Member	khanfarhana692@gmail.com	Farhanakhanritu@outlook.com	01685689969	Y
6	T07	Tonmoy Sultana Mim	F	Group 3 Member	tonmoysultana.du@gmail.com	tonmoysultana@outlook.com	01781552296	Y
7	I10	Imtiaz Gazi	M	Group 3 Team Lead	imtiazgazi@gmail.com	igazi473@gmail.com	+88 01736466222	Y
8	I11	Israt Jahan	F	Group 2 Member	isjahan473@gmail.com	isjahan473@outlook.com	01623273802	Y
9	K14	Khalid Hasan	M	Group 2 Member	khalid.hasan01945@gmail.com	khalidhasan92@outlook.com	01945912314	Y
10	M15	Mahia Akter	F	Group 2 Member	maproma25@gmail.com	maproma25@outlook.com	01630620999	Y
11	M17	Marwa Mannan	F	Group 1 Member	marwamannan328@gmail.com	marwamannan328@outlook.com	01687210656	Y
12	M18	Marzan Sifatullah	M	Group 2 Member	sifatullah9997@gmail.com	sifatullah9997@outlook.com	+8801405696103	Y
13	M19	Md. Nuhash Khan	M	Group 3 Member	khannuhash1@gmail.com	nuhashkhanninbo@outlook.com	01758055414	Y
14	M20	Md. AkashMiah	M	Group 3 Member	akfarhad10@gmail.com	akfarhad17@outlook.com	01736889371	Y
15	M22	Md. Jasim uddin Akanda	M	Group 2 Member	jasimuddin133312@gmail.com	jasib133312@outlook.com	01709002426	Y
16	M23	Md. Robayet Bin Rahat	M	Group 2 Member	robayetti@gmail.com	rahat.du@outlook.com	01791010417	Y
17	M24	Md. Rubaeid Shahariar Fahim	M	Group 1 Member	rubaeid.shahariar5191@gmail.com	rubaeid.shahariar5191@outlook.com	01758055414	Y
18	M27	Monika Sarker	F	Group 1 Member	Monikatumpi97@gmail.com	monikatumpi@outlook.com	01781852960	Y
19	M28	Monisha Roy	F	Group 1 Member	monisharoy.186@gmail.com	monisharoy160@outlook.com	01742352318	Y
20	N31	Nahida Sultana	F	Group 3 Member	nahidasultana2468@gmail.com	nahidasultana2468@outlook.com	01801756975376	Y
21	P34	Pritu Saha	F	Group 1 Member	pritusaha1998@gmail.com	pritu221@outlook.com	01531779344	Y
22	P35	Protyasha Bhattacherrya	F	Group 2 Member	protyasha04@gmail.com	protyasha04@outlook.com	01763757756	Y
23	R37	Rehena Akter	F	Group 1 Member	rehenaria3234@gmail.com	rehenaaana234@outlook.com	01798006711	Y
24	R38	Rosma Lodi	F	Group 2 Member	rosmalodi@gmail.com	rosmalodi@outlook.com	+8801791139044	Y
25	S39	Sanjida Rahman Shova	F	Group 1 Team Lead	rahmansanjida261@gmail.com	sanjidashova@outlook.com	01521564667	Y
26	S40	Shabrina Jahan	F	Group 2 Member	shabrinajahan732@gmail.com	shabrina90@outlook.com	01634742531	Y
27	S41	Shahnewaz	M	Group 2 Team Lead	shahhnewaz.ibru@gmail.com	shahhnewaz.ibru@outlook.com	01965160829	Y
28	S42	Shahria Haider	M	Group 2 Member	shahriarbachon123@gmail.com	shahriarhaider@outlook.com	01813393253	Y
30	S43	Shaswata Das	M	Group 3 Member	shaswatadf01@gmail.com	shaswatad99@outlook.com	01590063242	Y
31	S46	Solaman Hossen Rony	M	Group 2 Member	solamanronydu.ac@gmail.com	solamanrony104@outlook.com	01776102890	Y
32	S48	sumiya pervin	F	Group 3 Member	sumiyapervin.du@gmail.com	sumiya.du@outlook.com	01708756054	Y
33	T49	Tahamina	F	Group 2 Member	bristytahmina76@gmail.com	bristy27@outlook.com	01824374865	Y
34	T50	Tania Alam	F	Group 3 Member	taniaalam@gmail.com	taniaalam232@outlook.com	01752883087	

Audio Meeting Minute

Data Analytical Team Meeting-1_Oct16.2020.m4a

Member ID

S48

Questionnaire Master Document uploaded Lists

W	S41_G3_Shahnewaz_Pandemic and Applic...	me	2:01 AM Shahnewaz Ibr	14 KB
W	3-T50_grp3_TaniaAlam_OpinionAboutStre...	me	Oct 21, 2020 me	12 KB
W	2-S39_grp1_SanjidaRahmanShova__ Analy...	me	Oct 21, 2020 me	23 KB
W	1.R38_G2_DealingwithLoss - Rozma Lodi.d...	me	Oct 21, 2020 me	19 KB
W	M18_grp2_MarzanSifatullah_poorLibraryF...	me	Oct 21, 2020 MARZAN ⟨	16 KB
W	M18_grp2_MarzanSifatullah_poorLibraryF...	me	Oct 21, 2020 MARZAN ⟨	16 KB
W	M18_grp2_MarzanSifatullah_poorLibraryF...	me	Oct 21, 2020 MARZAN ⟨	16 KB
W	A02_grp3_AfsanabinteMahbub_covid19Lo...	me	Oct 21, 2020 imtiazuddi	11 KB
W	I10_grp3_ImtiazGazi_NecessityOfCoachin...	me	Oct 21, 2020 imtiazuddi	13 KB

LAB: Practice, Practice, Practice

Google and Microsoft FORM

Google DOC

Data Analytical Hackathon
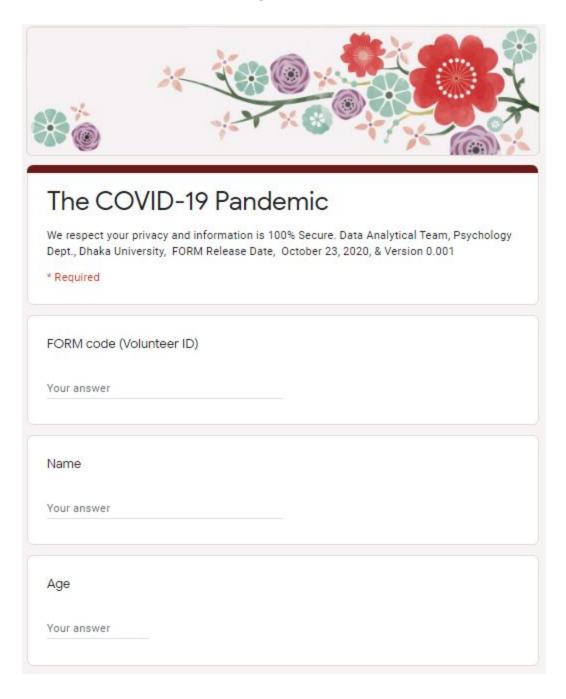
Project Report

Psychology Department, Dhaka University, 2020

Total Collected Questionnaire Documents = 19

SI	ID	Grp	Name	FORM Title
01	P35	G2	Protyasha Bhattacharyya	Covid and online activity of students
02	S43	G3	Shaswata Das	House Rent - incomplete
03	T07	G3	Tonmoy Sultana	Online classes and physical and mental difficulties
04	P34	G1	Pritu Saha	Addiction impact on teenagers of middle socio-economic status families during COVID-19 period
05	A03	G1	Alima Akter Mithila	Person to talk with in times of emotional breakdown
06	S48	G3	Sumiya Pervin	People satisfaction on online products
07	F05		Farhana Islam	Eve-teasing and its prevention
08	S39	G1	Sanjida Rahman Shova	Analyzing the Sufficiency of Academic Education on Human Ethics and Behavior.
09	T49	G2	Tahamina	Women's Self Defence
10	M17	G1	Marwa Mannan	Is Online Shopping getting more Preference over Conventional Ways
11	N31	G3	Nahida Sultana	Impact of advertisement by google on people while watching online videos
12	F04	G2	Fahmida Akter Eva	Covid-19 And Family Bonding
13	I10	G3	Imtiaz Gazi	Necessity of Coaching centers
14	T50	G3	Tania Alam	Opinion about STRESS
15	A02	G3	Afsana Binte Mahbub	Covid-19 Lockdown and Insomnia
16	M15	G2	Marjia Akter	Developing communication Skills
17	M18	G2	Marzan Sifatullah	Poor library facilities
18	R38	G2	Rozma Lodi	Dealing with Loss during the COVID-19 Pandemic
19	S41	G2	Shahnewaz	Pandemic and Application of digital technology

Questionnaire Google FORM

The COVID-19 Pandemic

We respect your privacy and information is 100% Secure. Data Analytical Team, Psychology Dept., Dhaka University, FORM Release Date, October 23, 2020, & Version 0.001

* Required

FORM code (Volunteer ID)

Your answer

Name

Your answer

Age

Your answer

Phone Number *

Your answer

Address *

Your answer

Post Code *

Your answer

Preferred contact method *

☐ Phone

☐ Email

Have you been infected with the novel Coronavirus?

○ Yes

○ No

○ Not sure

Have any of the following been affected by COVID-19?

- [ ] Your family members
- [ ] Your relatives
- [ ] Your friends
- [ ] Your acquaintances

Have you or anyone you care about been hospitalized because of this pandemic?

- ( ) Yes
- ( ) No

If yes (above), what is your relationship with the person?

- [ ] Your family members
- [ ] Your relatives
- [ ] Your friends
- [ ] Your acquaintances

Has anyone you know passed away due to COVID-19?

- ( ) Yes
- ( ) No

If yes (above), what is your relationship with the person?

- [·] Your family members
- [·] Your relatives
- [·] Your friends
- [ ] Your acquaintances

How would you rate your mental health while you were facing the COVID-19 situation?

- ◯ Very good
- ◯ Moderately good
- ◯ Good
- ◯ Bad
- ◯ Moderately bad
- ◯ Very bad

Does the event still bother you?

- ◯ Yes
- ◯ No

Does the event still bother you?

○ Yes

○ No

Do you think you require intervention (i.e. help from a psychologist) to cope with this situation

○ Yes

○ No

What kind of help you are looking for during covid 19?

Your answer

Questions and comments

Your answer

Submit
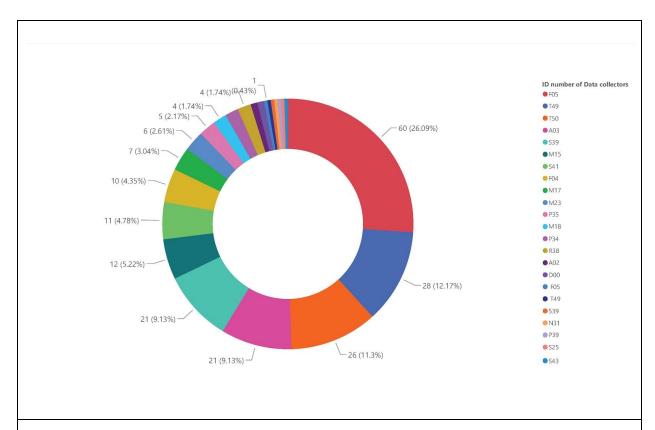
Survey Result

Study Goal: 100-200
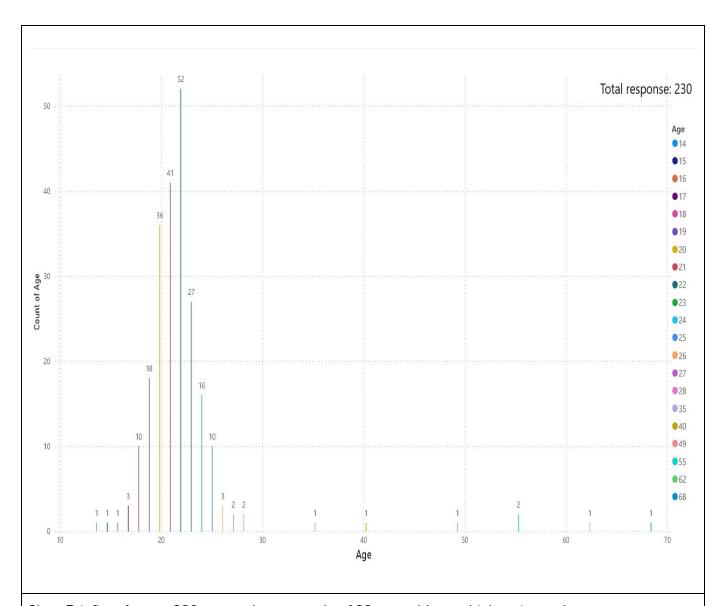
Total Case Study: 337

Total valid case studies: 230
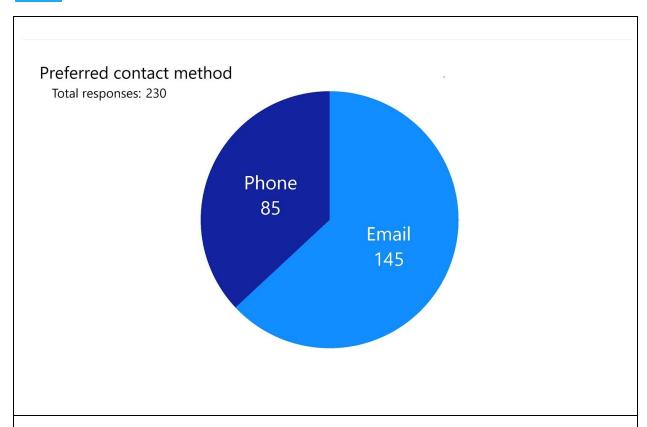
Collected by: Data Analytical Team
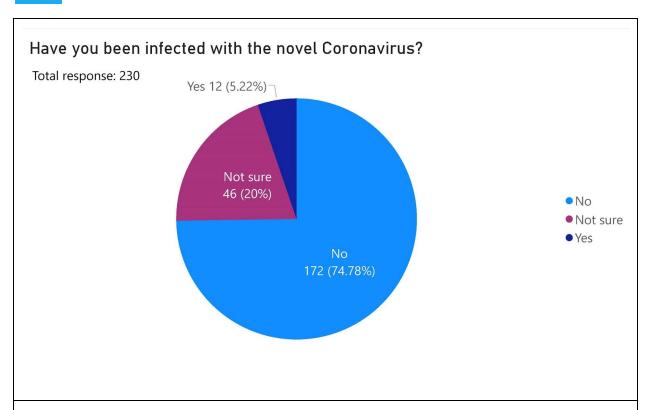
Short Briefing: 215 people provided volunteer Id, and the top three data collectors' Ids are F05, T49, and T50.
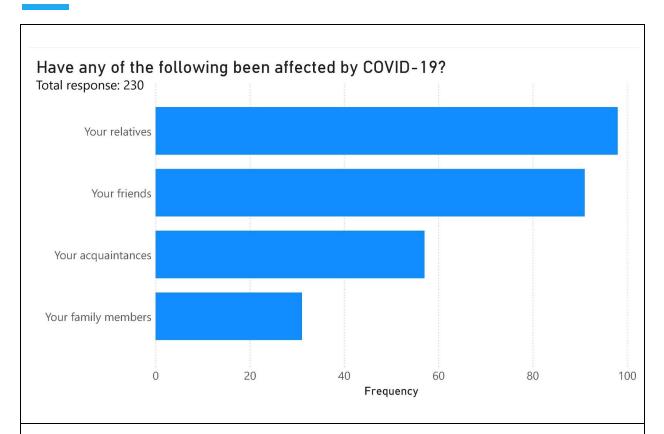
Short Briefing: Among 230 respondents, people of 22-year-old were highest in number.

Preferred contact method
Total responses: 230

Phone
85

Email
145

Short Briefing: 145 out of 230 people preferred to be contacted through email, and 85 preferred phones.

Have you been infected with the novel Coronavirus?

Total response: 230

Yes 12 (5.22%)

Not sure
46 (20%)

No
172 (74.78%)

- No
- Not sure
- Yes
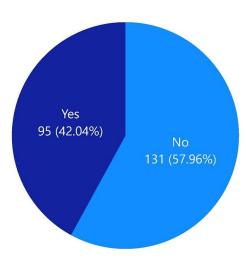
Short Briefing: 172 (74.78%) out of 230 answered NO, 46 (20%) said NOT SURE, and 12 (5.22%) responded to YES.

Have any of the following been affected by COVID-19?

Total response: 230

Short Briefing: When asked if people knew someone affected by covid, there were a variety of answers concerning who it was to them. While family members were only around 32 out of the 230 answers, the relatives of the person who were asked were the most unfortunate ones, taking up to a massive 42% of the total cases. Friends were sadly next with a high 90 cases, followed by acquaintances who had 57 cases.
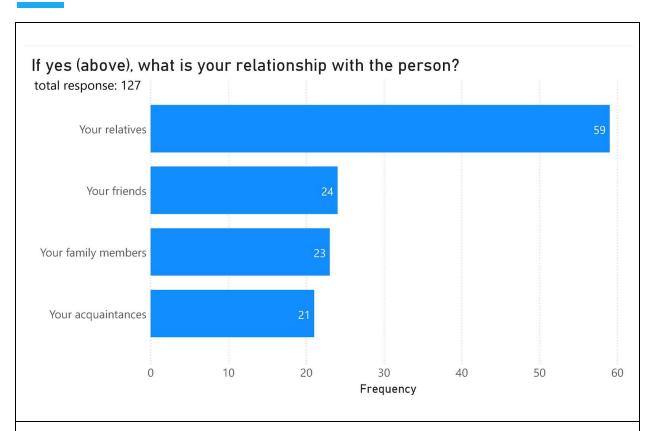
Have you or anyone you care about been hospitalized because of this pandemic?

Total response: 226

Yes
95 (42.04%)

No
131 (57.96%)
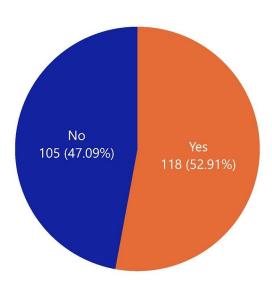
Short Briefing :
226 participants answered whether any of their cared ones had been hospitalized because of the Covid-19 pandemic. 57.96% of the total answer was YES. and 42.04% was NO.

If yes (above), what is your relationship with the person?

total response: 127
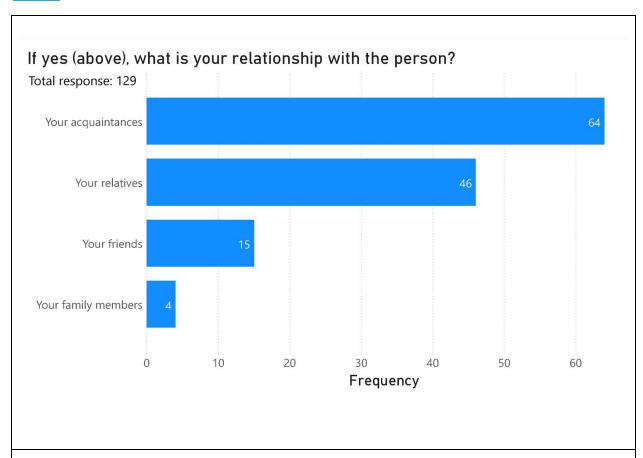
Short Briefing : In response to the previous question, the participants were required to answer what was their relationship with the person they cared for. 59 out of 127 responses indicated it was their relatives, 24 replied it was their friends, 23 answered it was, unfortunately, their family members, and the rest 21 said acquaintances.

Has anyone you know passed away due to COVID-19?
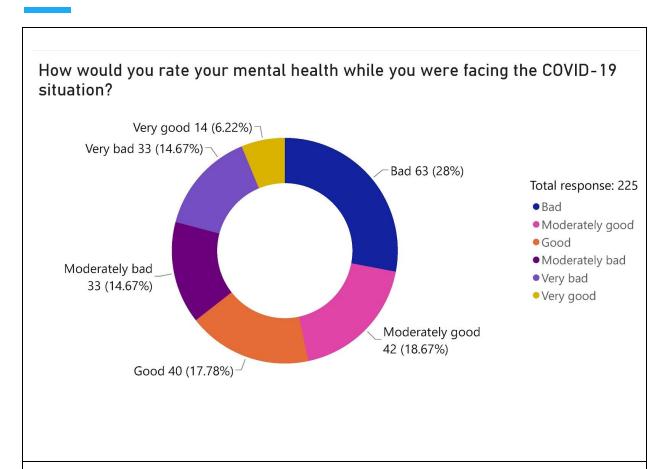
Total response: 223

No
105 (47.09%)

Yes
118 (52.91%)

Short Briefing : 223 participants answered whether they knew anyone who had passed away due to COVID-19. The overall responses showed that 47.09% of people replied No, and sadly, 52.91% of people replied Yes.

If yes (above), what is your relationship with the person?

Total response: 129
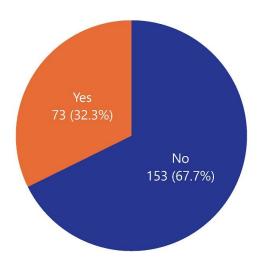
Short Briefing: The query was about the relationship between the participant and people who had passed away due to coronavirus. 64 people responded it was their acquaintance, 46 said it was relatives, 15 replied friends, and 4 of them mentioned family members.

How would you rate your mental health while you were facing the COVID-19 situation?

Very good 14 (6.22%)
Very bad 33 (14.67%)
Bad 63 (28%)
Total response: 225
- Bad
- Moderately good
- Good
- Moderately bad
- Very bad
- Very good
Moderately bad 33 (14.67%)
Moderately good 42 (18.67%)
Good 40 (17.78%)
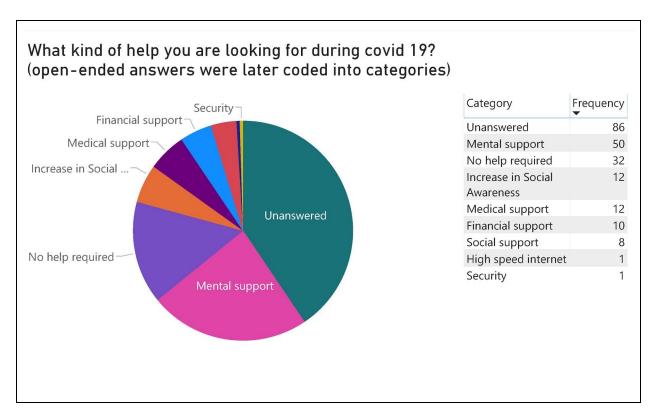
Short Briefing: 225 people responded about how they rate their mental health while facing the COVID-19 situation, and it was observed that 6.22% of people were in very good situations where, unfortunately, 14.67% of people were in very bad condition. Again, 14.67% of the peoples' mental states were in a moderately bad condition where 18.67% of people had a moderately good mental state, and finally 17.78% of people were in good condition but 28% of the people were in bad positions.

Do you think you require intervention (i.e. help from a psychologist) to cope with this situation ?

Yes
73 (32.3%)

No
153 (67.7%)

(4 people didn't answer this question)

What kind of help you are looking for during covid 19?
(open-ended answers were later coded into categories)

Category	Frequency
Unanswered	86
Mental support	50
No help required	32
Increase in Social Awareness	12
Medical support	12
Financial support	10
Social support	8
High speed internet	1
Security	1

Some notable answers include:
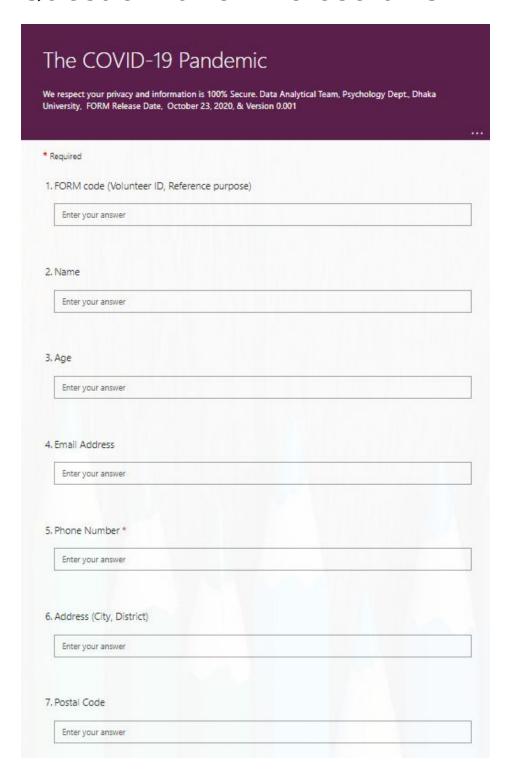
- Motivation for study
- I need psychological support to stay mentally healthy & calm, reducing stress & mental pressure, dealing with fear, anxiety, boredom, or social isolation during covid 19.
- To reduce the tuition fee
- Mental consolation. Just need someone who can listen to my story patiently
- Regarding how to cope up with the situation for the time being.
- need to learn how to stay positive
- Bothered by emotional imbalance, Excessive anger, Anxiety. Stress.
- Please, Open the University.
- Need to stop marriages in the village those are getting married at an early age during this pandemic as there are no educational activities for more than 7months except online which is the root cause
- I just need someone to talk to. I always listen to people but I feel like there is a void deep inside me. I have so many people around me but I still feel lonely but that's okay I guess. Everything will eventually fall into place In Shaa Allah.

Notable questions/ opinions/ requests received from the participants:

- A nationwide lockdown that is imposed on the country to prevent further spread of the disease. A fine of 25,000tk for anyone seen without wearing a mask. Masks mandatory in all public places, and temperature checking and name and phone number collecting at all public places. A transparent system that integrates with the country's medical force so that the previous locations of the affected person can be backtracked and all necessary people that were around said affected person can be contacted and put into quarantine. A further fine of 25,000tk if this personnel is found to go out during their quarantine, without an emergency purpose.
- Educational Institutions should be opened as soon as possible with proper care. I'm dying:")
- I am not paranoid about being affected by Covid-19 but I am facing some real mental problems.
- Is coronavirus is more harmful than panic about that?

_____

Questionnaire Microsoft FORM

8. Preferred contact method *

○ Phone

○ Email

9. Have you been infected with the novel Coronavirus?

○ Yes

○ No

○ Not sure

10. Have any of the following been affected by COVID-19?

○ Your family members

○ Your relatives

○ Your friends

○ Your acquaintances

11. Have you or anyone you care about been hospitalized because of this pandemic?

○ Yes

○ No

12. If yes (above), what is your relationship with the person?

○ Your family members

○ Your relatives

○ Your friends

○ Your acquaintances

13. Has anyone you know passed away due to COVID-19?

○ Yes

○ No

14. If yes (above), what is your relationship with the person?

○ Your family members

○ Your relatives

○ Your friends

○ Your acquaintances

15. How would you rate your mental health while you were facing the COVID-19 situation?

○ Very good

○ Moderately good

○ Good

○ Bad

○ Moderately bad

○ Very bad

16. Does the Covid-19 still bother you?

○ Yes

○ No

17. Do you think you require intervention (i.e. help from a psychologist) to cope with this situation

○ Yes

○ No

18. What kind of help you are looking for during covid 19?

```
Enter your answer



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19. Questions and comments

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Enter your answer



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Submit

Visionary Future Plan

Thank You to ALL