Applying Machine Learning Algorithms and USSD to Diagnose Mental Illness in Kenya

Showing 38 of 38 responses

Showing **all** responses

Showing **all** questions

Response rate: 38%

1 What age bracket do you fall into?

Rank value	Option	Count
1	18-25	3
2	26-30	26
3	35-40	2
4	41-45	3
5	46-50	0
6	50+	4

Mean rank	2.55
Variance	1.83
Standard Deviation	1.35
Lower Quartile	2.0
Upper Quartile	2.0

2 What is your gender?

Rank value	Option	Count
1	Female	16
2	Male	22

Mean rank	1.58
Variance	0.24
Standard Deviation	0.49
Lower Quartile	1.0
Upper Quartile	2.0

3 Are you a Kenyan citizen?

Rank value	Option	Count
1	Yes	37
2	No	1

Mean rank	1.03
Variance	0.03
Standard Deviation	0.16
Lower Quartile	1.0
Upper Quartile	1.0

4 Which county do you live in?

Showing all 38 responses	
Nairobi	677730-677721-69134645
Nairobi	677730-677721-69135262
Nairobi	677730-677721-69135265
Kajiado	677730-677721-69135658
Nairobi	677730-677721-69135743
Nairobi	677730-677721-69136310
KENYA	677730-677721-69203592
Nairobi	677730-677721-69206762
Kajiado	677730-677721-69217742
Nairobi	677730-677721-69222953
Kenya	677730-677721-69223393
Kenya	677730-677721-69237846
Nairobi	677730-677721-69282205
Nairobi	677730-677721-69387602
Nairobi	677730-677721-69513785
Kenya	677730-677721-69513927
Uasin Gishu	677730-677721-69514144
Nairobi	677730-677721-69514524
Nairobi	677730-677721-69514855
Uasin Gishu	677730-677721-69514961
Kajiado	677730-677721-69514951
NAIROBI	677730-677721-69515434
Kenya	677730-677721-69516072
Nairobi	677730-677721-69517854
UAE	677730-677721-69517968
Kenya	677730-677721-69518670
Kiambu	677730-677721-69534478
Kenya	677730-677721-69537827
Nairobi.	677730-677721-69541428
Nairobi	677730-677721-69548047

Kenya	677730-677721-69589611
Mombasa	677730-677721-69602363
Kenya	677730-677721-69709286
Kenya	677730-677721-69710692
Kenya	677730-677721-69720287
Kenya	677730-677721-69722547
Kenya	677730-677721-69724566
Nethrlands	677730-677721-69874741

5 Do you live within a town area or outcasts?

Rank value	Option	Count
1	Town area	25
2	Outcasts (5km+ from main town)	13

Mean rank	1.34
Variance	0.23
Standard Deviation	0.47
Lower Quartile	1.0
Upper Quartile	2.0

6 What is the highest level of education you have completed?

Rank value	Option	Count
1	Primary school	0
2	Secondary school (e.g. KCSE, GCSE or level 2 qualifications)	0
3	Secondary school or college (e.g. IB, A-Levels, advanced apprenticeship, NVQ, BTEC)	3
4	University Certificate	1
5	University Diploma	1
6	Bachelors Degree	26
7	Masters Degree	7
8	Doctoral degree	0

Mean rank	5.87
Variance	1.01
Standard Deviation	1.0
Lower Quartile	6.0
Upper Quartile	6.0

7 What would describe your occupation?

Rank value	Option	Count
1	Self-employed	8
2	Small Medium Enterprise	2
3	Start-up with more than 5 years of existence	1
4	Student	2
5	Intern	0
6	Employed in an organization	25
7	Retired	0

Mean rank	4.55
Variance	4.46
Standard Deviation	2.11
Lower Quartile	2.25
Upper Quartile	6.0

8 How would you describe your income level?

Rank value	Option	Count
1	For my age group, would consider below average	7
2	For my age group, would consider average	18
3	For my age group, above average	13

Mean rank	2.16
Variance	0.5
Standard Deviation	0.71
Lower Quartile	2.0
Upper Quartile	3.0

9 How would you describe your social life?

Rank value	Option	Count
1	Highly social	5
2	Partly social	29
3	I prefer my own company	4

Mean rank	1.97
Variance	0.24
Standard Deviation	0.49
Lower Quartile	2.0
Upper Quartile	2.0

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10 Do you have any caring responsibilities?

Rank value	Option	Count
1	None	21
2	Primary carer of a child or children (under 18 years)	8
3	Primary carer of a disabled child or children (under 18 years)	0
4	Primary carer or assistant for a disabled adult (18 years and over)	0
5	Primary carer or assistant for an older person or people (65 years and over)	2
6	Secondary carer (another person carries out the main caring role)	2
7	Prefer not to disclose	6

Mean rank	2.59
Variance	5.32
Standard Deviation	2.31
Lower Quartile	1.0
Upper Quartile	3.5

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11 How far is the nearest hospital facility from where you live?

Rank value	Option	Count
1	0-5km	30
2	6-10km	6
3	11km+	2

Mean rank	1.26
Variance	0.3
Standard Deviation	0.55
Lower Quartile	1.0
Upper Quartile	1.0

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12 How well are you vast with mental health issues?

Rank value	Option	Count
1	Well knowledgeable	11
2	Have an idea	19
3	Have not had a chance to check on mental health issues	8

Mean rank	1.92
Variance	0.49
Standard Deviation	0.7
Lower Quartile	1.0
Upper Quartile	2.0

13 Have you ever accessed any mental health services?

Rank value	Option	Count
1	Yes	14
2	No	24

Mean rank	1.63
Variance	0.23
Standard Deviation	0.48
Lower Quartile	1.0
Upper Quartile	2.0

14 Are you aware of any mental health facility within a radius of 10km from your place of living?

Rank value	Option	Count
1	Yes	14
2	No	24

Mean rank	1.63
Variance	0.23
Standard Deviation	0.48
Lower Quartile	1.0
Upper Quartile	2.0

15 If you are to access a mental health service / facility, what would be the main reason?

Rank value	Option	Count
1	Learn my mental health status	14
2	Seek help	9
3	Know more about the field	4
4	Recommend someone close to me to the service / facility	7
5	Not interested	4

Mean rank	2.42
Variance	1.98
Standard Deviation	1.41
Lower Quartile	1.0
Upper Quartile	4.0