

```
In [84]: import pandas as pd
```

```
In [85]: df=pd.read_csv("ashi_pyscho_data.csv")
df.head(10)
```

Out[85]:

	Timestamp	Overall, I'm a pretty positive person, and I believe in my potential.	I believe that if you work hard at something there will always be a degree of progress.	My intelligence isn't fixed, and I can become smarter.	I like to be left alone to get on with my job.	... If I had a choice to switch to a field of my liking I would go for it in order to feel more satisfied	My school performance during high school between 10th to 12th grade were a lot better than my current performance in college	Please enter your percentage (percentage only) from grade 10th
0	2021/04/09 12:50:31 PM GMT+5:30	(5) Strongly agree	(4) Agree	(2) Disagree	(4) Agree	... NaN	NaN	NaN
1	2021/04/09 1:45:12 PM GMT+5:30	(5) Strongly agree	(5) Strongly agree	(5) Strongly agree	(3) Neutral	... NaN	NaN	NaN
2	2021/04/09 3:10:37 PM GMT+5:30	5	4	5	4	... NaN	NaN	NaN
3	2021/04/09 3:26:07 PM GMT+5:30	4	4	5	5	... NaN	NaN	NaN
4	2021/04/09 3:49:05 PM GMT+5:30	4	5	5	4	... NaN	NaN	NaN
5	2021/04/09 3:49:09 PM GMT+5:30	4	4	2	3	... NaN	NaN	NaN
6	2021/04/09 3:55:09 PM GMT+5:30	5	5	5	3	... NaN	NaN	NaN
7	2021/04/09 3:58:17 PM GMT+5:30	4	5	5	3	... NaN	NaN	NaN
8	2021/04/09 3:59:11 PM GMT+5:30	4	5	5	1	... NaN	NaN	NaN
9	2021/04/09 4:02:22 PM GMT+5:30	5	5	5	3	... NaN	NaN	NaN

10 rows × 34 columns

```
In [86]: df.isna().sum()
```

```
Out[86]: Timestamp
0
Overall, I'm a pretty positive person, and I believe in my potential.
0
I believe that if you work hard at something there will always be a degree of progre
ss.
0
My intelligence isn't fixed, and I can become smarter.
0
I like to be left alone to get on with my job.
0
I seek the approval of others- it matters to me that my colleagues think highly of m
e.
0
I take feedback as a chance to grow and improve what I'm doing.
0
I enjoy teaching others, since it helps me grow my own skills and abilities.
0
I am better at starting new projects than completing them.
0
There are things that no matter how hard you work you cannot improve.
0
The harder I work at something, the better I can be at it.
0
It was easier to be productive pre covid than in the online age of learning.
22
I've found better ways to spend my time and remain constructive during lockdown and
quarantine.
22
I have significantly grown to understand my personality and how it affects my workst
yle.
22
The lockdown and quarantine put me in a more monotonous routine that was mentally dr
aining.
22
I am currently pursuing my degree in B.Tech Degree in the year:
0
I chose this career path and I'm content with my choice.
0
I often find myself reevaluating my career choice.
0
Regardless of my interest in my career field I manage to learn and understand my cur
riculum.
0
I enjoy learning and researching over various subfields or topics in my career fiel
d.
0
I might not enjoy learning my curriculum but I enjoy the field of study in general.
( You might not particularly enjoy some subjects in IT but you enjoy doing web devel
opment) 1
I can visualize my career goal and the need to continue learning even when I experie
nce failure.
0
I feel good about myself when I am able to complete my work with ease.
0
My grades don't reflect my true potential in the field and I believe I will perform
better in industries.
0
Please enter your current CGPA
2
I feel like I struggle to be creative and innovative in my class subjects and often
rely on online material.
0
I struggle to enjoy my classes and often feel frustrated by the course.
```

```
0  
It is extremely important for me to pursue this career field regardless of my interest.  
0  
I would appreciate help and guidance to change my work style in order to achieve my career goals.  
2  
If I had a choice to switch to a field of my liking I would go for it in order to feel more satisfied  
21  
My school performance during high school between 10th to 12th grade were a lot better than my current performance in college  
21  
Please enter your percentage (percentage only) from grade 10th  
22  
Please enter your percentage (percentage only) from grade 12th  
24  
I wish to seek help with being able to remain goal driven and enthusiastic towards my career aspirations.  
22  
dtype: int64
```

```
In [87]: df_new=df.dropna() #removing all NA values
```

```
In [88]: df_new.isna().sum()
```

```
Out[88]: Timestamp  
0  
Overall, I'm a pretty positive person, and I believe in my potential.  
0  
I believe that if you work hard at something there will always be a degree of progress.  
0  
My intelligence isn't fixed, and I can become smarter.  
0  
I like to be left alone to get on with my job.  
0  
I seek the approval of others- it matters to me that my colleagues think highly of me.  
0  
I take feedback as a chance to grow and improve what I'm doing.  
0  
I enjoy teaching others, since it helps me grow my own skills and abilities.  
0  
I am better at starting new projects than completing them.  
0  
There are things that no matter how hard you work you cannot improve.  
0  
The harder I work at something, the better I can be at it.  
0  
It was easier to be productive pre covid than in the online age of learning.  
0  
I've found better ways to spend my time and remain constructive during lockdown and quarantine.  
0  
I have significantly grown to understand my personality and how it affects my workstyle.  
0  
The lockdown and quarantine put me in a more monotonous routine that was mentally draining.  
0  
I am currently pursuing my degree in B.Tech Degree in the year:  
0  
I chose this career path and I'm content with my choice.  
0  
I often find myself reevaluating my career choice.
```

```

0
Regardless of my interest in my career field I manage to learn and understand my curriculum.

0
I enjoy learning and researching over various subfields or topics in my career field.

0
I might not enjoy learning my curriculum but I enjoy the field of study in general.
( You might not particularly enjoy some subjects in IT but you enjoy doing web development) 0
I can visualize my career goal and the need to continue learning even when I experience failure.

0
I feel good about myself when I am able to complete my work with ease.

0
My grades don't reflect my true potential in the field and I believe I will perform better in industries.

0
Please enter your current CGPA

0
I feel like I struggle to be creative and innovative in my class subjects and often rely on online material.

0
I struggle to enjoy my classes and often feel frustrated by the course.

0
It is extremely important for me to pursue this career field regardless of my interest.

0
I would appreciate help and guidance to change my work style in order to achieve my career goals.

0
If I had a choice to switch to a field of my liking I would go for it in order to feel more satisfied

0
My school performance during high school between 10th to 12th grade were a lot better than my current performance in college

0
Please enter your percentage (percentage only) from grade 10th

0
Please enter your percentage (percentage only) from grade 12th

0
I wish to seek help with being able to remain goal driven and enthusiastic towards my career aspirations.

0
dtype: int64

```

In [89]:

```

pd.set_option('display.max_columns', 10)
pd.set_option('display.max_rows', None)
#pandas display settings for clarity

```

In [90]:

```

df_new=df_new.drop(df_new.columns[0], axis=1)
#dropping timestamp column cus not needed
df_new=df_new.reset_index(drop=True)
#resetting indexes

```

In [91]:

```
df_new
```

Out[91]:

Overall, I'm a pretty positive person, and I believe in my potential.	I believe that if you work hard at something there will always be a degree of progress.		My intelligence isn't fixed, and I can become smarter.		I like to be left alone to get on with my job.		I seek the approval of others-it matters to me that my colleagues think highly of me.		If I had a choice to switch to a field of my liking I would go for it in order to feel more satisfied		My school performance during high school between 10th to 12th grade were a lot better than my current performance in college		Please enter your percentage (percentage only) from grade 10th
	Score	Response	Score	Response	Score	Response	Score	Response	Score	Response	Score	Response	
0	4	5	4	2	1	...	4.0		2.0		60%		
1	5	5	5	5	1	...	3.0		1.0		80		
2	2	5	5	3	4	...	4.0		5.0		89.6		
3	3	3	4	5	3	...	3.0		3.0		74		
4	4	4	5	3	3	...	4.0		3.0		88		
5	5	5	5	4	3	...	3.0		2.0		69		
6	5	4	5	3	4	...	3.0		1.0		74.15%		
7	4	5	3	4	5	...	4.0		3.0		89.8		
8	5	5	4	3	4	...	5.0		3.0		84.6		
9	2	4	5	5	1	...	4.0		2.0		79		
10	5	5	5	4	1	...	5.0		5.0		89.20		
11	5	5	4	2	3	...	4.0		3.0		85		
12	4	4	5	4	3	...	5.0		5.0		85		
13	3	4	5	4	2	...	2.0		3.0		85.2		
14	5	5	5	4	1	...	5.0		5.0		82%		
15	4	5	5	3	3	...	4.0		3.0		89.3		
16	5	5	5	1	3	...	2.0		4.0		70(ICSE)		
17	5	5	5	4	5	...	4.0		4.0		74		
18	4	5	3	2	3	...	1.0		4.0		75%		
19	4	4	3	3	3	...	5.0		5.0		60%		
20	5	5	5	5	3	...	1.0		4.0		98.40		
21	5	5	5	1	3	...	2.0		4.0		70(ICSE)		
22	4	5	5	4	2	...	5.0		3.0		94		
23	5	5	3	4	1	...	5.0		1.0		66.5		
24	4	5	4	4	4	...	5.0		4.0		84%		
25	4	5	3	4	2	...	2.0		3.0		91.		
26	4	5	4	3	4	...	4.0		4.0		91		
27	4	5	5	5	1	...	1.0		5.0		85		

28	2	4	5	2	4	...	1.0	1.0	80%
29	5	5	5	4	3	...	3.0	4.0	95
30	4	5	4	3	3	...	5.0	3.0	85.20
31	4	5	5	4	3	...	4.0	4.0	72
32	3	5	5	3	4	...	3.0	3.0	85.80
33	5	5	4	4	3	...	1.0	5.0	86.80
34	5	5	5	4	5	...	1.0	3.0	81.8
35	4	5	4	4	3	...	3.0	2.0	77.9
36	4	5	5	4	4	...	3.0	3.0	88
37	5	5	5	5	2	...	5.0	2.0	82
38	5	5	4	4	5	...	5.0	4.0	85.40
39	4	5	4	4	4	...	4.0	4.0	90
40	4	5	4	3	3	...	5.0	2.0	70.80
41	4	2	3	4	2	...	3.0	4.0	82.80
42	4	4	4	5	4	...	4.0	4.0	76
43	5	5	5	5	5	...	5.0	5.0	68.81
44	3	4	4	3	4	...	5.0	3.0	86
45	5	5	5	5	5	...	5.0	5.0	68
46	5	5	5	1	5	...	1.0	4.0	91
47	5	5	5	3	4	...	5.0	5.0	100
48	5	5	4	3	2	...	2.0	1.0	8.0
49	5	5	5	3	1	...	5.0	3.0	90.60
50	5	5	5	4	3	...	5.0	5.0	91.6%
51	4	5	4	2	4	...	2.0	5.0	85
52	5	5	5	2	3	...	5.0	4.0	92
53	5	5	5	4	4	...	5.0	5.0	90
54	5	4	5	4	4	...	4.0	3.0	90
55	4	5	4	2	4	...	2.0	5.0	85
56	4	5	4	3	3	...	4.0	3.0	88
57	4	5	3	4	4	...	2.0	3.0	96
58	5	5	5	3	3	...	4.0	4.0	72
59	5	5	5	5	5	...	5.0	5.0	93
60	3	4	4	5	4	...	3.0	3.0	73
61	5	5	5	4	5	...	3.0	3.0	83
62	5	5	5	3	1	...	1.0	5.0	90
63	5	5	5	5	5	...	5.0	5.0	68
64	5	4	4	3	4	...	2.0	2.0	92.4

65	3	5	5	5	3	...	3.0	1.0	95
66	4	5	5	2	3	...	1.0	1.0	10 CGPA
67	5	5	5	4	3	...	4.0	3.0	85
68	4	4	4	4	2	...	4.0	1.0	85
69	5	5	2	2	3	...	3.0	3.0	80
70	2	4	4	4	4	...	5.0	5.0	90

71 rows × 33 columns



In [92]:

```
df_new.columns = df_new.columns.str.replace(' ', '_')
df_new.columns = df_new.columns.str.replace('(', '')
df_new.columns = df_new.columns.str.replace(')', '')
df_new.columns = df_new.columns.str.replace("'", "")
df_new.columns = df_new.columns.str.replace(',', '')
df_new.columns = df_new.columns.str.replace('.', '')
df_new
#removing space,commas and parenthesis for better parsing in python code and to avoi
```

ipykernel_launcher:2: FutureWarning: The default value of regex will change from True to False in a future version. In addition, single character regular expressions will *not* be treated as literal strings when regex=True.
 ipykernel_launcher:3: FutureWarning: The default value of regex will change from True to False in a future version. In addition, single character regular expressions will *not* be treated as literal strings when regex=True.
 ipykernel_launcher:6: FutureWarning: The default value of regex will change from True to False in a future version. In addition, single character regular expressions will *not* be treated as literal strings when regex=True.

Out[92]:

Overall_Im_a.pretty_positive_person_and_I_believe_in_my_potential	I_believe_that_if_you_work_hard_a
0	4
1	5
2	2
3	3
4	4
5	5
6	5
7	4
8	5
9	2
10	5
11	5
12	4
13	3
14	5
15	4

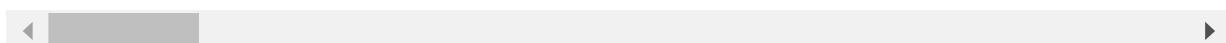
0	4
1	5
2	2
3	3
4	4
5	5
6	5
7	4
8	5
9	2
10	5
11	5
12	4
13	3
14	5
15	4

Overall_Im_a.pretty_positive_person_and_I_believe_in_my_potential I_believe_that_if_you_work_hard_a

16	5
17	5
18	4
19	4
20	5
21	5
22	4
23	5
24	4
25	4
26	4
27	4
28	2
29	5
30	4
31	4
32	3
33	5
34	5
35	4
36	4
37	5
38	5
39	4
40	4
41	4
42	4
43	5
44	3
45	5
46	5
47	5
48	5
49	5
50	5

	Overall_I_m_a.pretty_positive_person_and_I_believe_in_my_potential	I_believe_that_if_you_work_hard_a
51		4
52		5
53		5
54		5
55		4
56		4
57		4
58		5
59		5
60		3
61		5
62		5
63		5
64		5
65		3
66		4
67		5
68		4
69		5
70		2

71 rows × 33 columns



In [93]:

```
mapping = {'First Year': 1, 'Second Year': 2, 'Third Year': 3, 'Fourth Year': 4}
df_new=df_new.replace({'I_am_currently_pursuing_my_degree_in_BTech_Degree_in_the_yea
#changing categorical data type to numerical for easier calculcatio
```

In [94]:

```
df_new['Please_enter_your_current(CGPA)'] = df_new['Please_enter_your_current(CGPA)']
df_new['Please_enter_your_percentage_only_from_grade_10th'] = df_new['Ple
df_new['Please_enter_your_percentage_only_from_grade_12th'] = df_new['Ple
#remove extra data which was entered incorrectly by form users using regex. only .'
```

ipykernel_launcher:1: FutureWarning: The default value of regex will change from True to False in a future version.

ipykernel_launcher:2: FutureWarning: The default value of regex will change from True to False in a future version.

ipykernel_launcher:3: FutureWarning: The default value of regex will change from True to False in a future version.

In [95]:

```
#Checking the types of data of columns
df_new.dtypes
```

```
Out[95]: Overall_I'm_a.pretty_positive_person_and_I_believe_in_my_potential
object
I_believe_that_if_you_work_hard_at_something_there_will_always_be_a_degree_of_progre
ss
object
My_intelligence_isnt_fixed_and_I_can_become_smarter
object
I_like_to_be_left_alone_to_get_on_with_my_job
object
I_seek_the_approval_of_others_it_matters_to_me_that_my_colleagues_think_highly_of_m
e
object
I_take_feedback_as_a_chance_to_grow_and_improve_what_IM_doing_
object
I_enjoy_teaching_others_since_it_helps_me_grow_my_own_skills_and_abilities
object
I_am_better_at_starting_new_projects_than_completing_them
object
There_are_things_that_no_matter_how_hard_you_work_you_CANNOT_improve
object
The_harder_I_work_at_something_the_better_I_can_be_at_it
object
It_was_easier_to_be_productive_pre_covid_than_in_the_online_age_of_learning
float64
I've_found_better_ways_to_spend_my_time_and_remain_constructive_during_lockdown_and_
quarantine_
float64
I_have_significantly_grown_to_understand_my_personality_and_how_it_affects_my_workst
yle
float64
The_lockdown_and_quarantine_put_me_in_a_more_monotonous_routine_that_was_mentally_dr
aining_
float64
I_am_currently_pursuing_my_degree_in_BTech_Degree_in_the_year:
int64
I_chose_this_career_path_and_I'm_content_with_my_choice
object
I_often_find_myself_reevaluating_my_career_choice_
object
Regardless_of_my_interest_in_my_career_field_I_manage_to_learn_and_understand_my_cur
riculum_
object
I_enjoy_learning_and_researching_over_various_subfields_or_topics_in_my_career_field
object
I_might_not_enjoy_learning_my_curriculum_but_I_enjoy_the_field_of_study_in_general_
You_might_not_particularly_enjoy_some_subjects_in_IT_but_you_enjoy_doing_web_develop
ment
object
I_can_visualize_my_career_goal_and_the_need_to_continue_learning_even_when_I_experie
nce_failure_
object
I_feel_good_about_myself_when_I_am_able_to_complete_my_work_with_ease
object
My_grades_don't_reflect_my_true_potential_in_the_field_and_I_believe_I_will_perform_
better_in_industries
object
Please_enter_your_current_CGPA_
object
I_feel_like_I_struggle_to_be_creative_and_innovative_in_my_class_subjects_and_often_
rely_on_online_material_
object
I_struggle_to_enjoy_my_classes_and_often_feel_frustrated_by_the_course_
object
It_is_extremelyImportant_for_me_to_pursue_this_career_field regardless_of_my_inter
est_
object
I_would_appreciate_help_and_guidance_to_change_my_work_style_in_order_to_achieve_my_
career_goals_
float64
```

```
If_I_had_a_choice_to_switch_to_a_field_of_my_liking_I_would_go_for_it_in_order_to_fe
el_more_satisfied_
float64
My_school_performance_during_high_school_between_10th_to_12th_grade_were_a_lot_bette
r_than_my_current_performance_in_college
float64
Please_enter_your_percentage_percentage_only_from_grade_10th
object
Please_enter_your_percentage_percentage_only_from_grade_12th
object
I_wish_to_seek_help_with_being_able_to_remain_goal_driven_and_enthusiastic_towards_m
y_career_aspirations_
float64
dtype: object
```

In [96]: df_new.loc[30,:] #but we can see there's still some leftover data, this can be avoided

```
Out[96]: Overall_I'm_a.pretty_positive_person_and_I_believe_in_my_potential
4
I_believe_that_if_you_work_hard_at_something_there_will_always_be_a_degree_of_progre
ss
5
My_intelligence_isnt_fixed_and_I_can_become_smarter
4
I_like_to_be_left_alone_to_get_on_with_my_job
3
I_seek_the_approval_of_others_it_matters_to_me_that_my_colleagues_think_highly_of_m
e
3
I_take_feedback_as_a_chance_to_grow_and_improve_what_I'm_doing_
5
I_enjoy_teaching_others_since_it_helps_me_grow_my_own_skills_and_abilities
4
I_am_better_at_starting_new_projects_than_completing_them
3
There_are_things_that_no_matter_how_hard_you_work_you_CANNOT_improve
2
The_harder_I_work_at_something_the_better_I_can_be_at_it
4
It_was_easier_to_be_productive_pre_covid_than_in_the_online_age_of_learning
5.0
I've_found_better_ways_to_spend_my_time_and_remain_constructive_during_lockdown_and_
quarantine_
3.0
I_have_significantly_grown_to_understand_my_personality_and_how_it_affects_my_workst
yle
4.0
The_lockdown_and_quarantine_put_me_in_a_more_monotonous_routine_that_was_mentally_dr
aining_
3.0
I_am_currently_pursuing_my_degree_in_BTech_Degree_in_the_year:
2
I_chose_this_career_path_and_I'm_content_with_my_choice
4
I_often_find_myself_reevaluating_my_career_choice_
4
Regardless_of_my_interest_in_my_career_field_I_manage_to_learn_and_understand_my_cur
riculum_
4
I_enjoy_learning_and_researching_over_various_subfields_or_topics_in_my_career_field
3
I_might_not_enjoy_learning_my_curriculum_but_I_enjoy_the_field_of_study_in_general_
You_might_not_particularly_enjoy_some_subjects_in_IT_but_you_enjoy_doing_web_develop
ment
3
I_can_visualize_my_career_goal_and_the_need_to_continue_learning_even_when_I_experie
nce_failure_
4
```

```
I_feel_good_about_myself_when_I_am_able_to_complete_my_work_with_ease
5
My_grades_don't_reflect_my_true_potential_in_the_field_and_I_believe_I_will_perform_
better_in_industries
4
Please_enter_your_current_CGPA_
....85.19
I_feel_like_I_struggle_to_be_creative_and_innovative_in_my_class_subjects_and_often_
rely_on_online_material_
4
I_struggle_to_enjoy_my_classes_and_often_feel_frustrated_by_the_course_
2
It_is_extremelyImportant_for_me_to_pursue_this_career_fieldregardless_of_my_interes_
t_
4
I_would_appreciate_help_and_guidance_to_change_my_work_style_in_order_to_achieve_my_
career_goals_
5.0
If_I_had_a_choice_to_switch_to_a_field_of_my_liking_I_would_go_for_it_in_order_to_fe
el_more_satisfied_
5.0
My_school_performance_during_high_school_between_10th_to_12th_grade_were_a_lot_bette
r_than_my_current_performance_in_college
3.0
Please_enter_your_percentage_percentage_only_from_grade_10th
85.20
Please_enter_your_percentage_percentage_only_from_grade_12th
85.19
I_wish_to_seek_help_with_being_able_to_remain_goal_driven_and_enthusiastic_towards_m
y_career_aspirations_
4.0
Name: 30, dtype: object
```

In [97]: `df_new.loc[40,:]` #same case here, we will have to remove this manually

```
Out[97]: Overall_I'm_a.pretty_positive_person_and_I_believe_in_my_potential
4
I_believe_that_if_you_work_hard_at_something_there_will_always_be_a_degree_of_progre
ss
5
My_intelligence_isnt_fixed_and_I_can_become_smarter
4
I_like_to_be_left_alone_to_get_on_with_my_job
3
I_seek_the_approval_of_others_it_matters_to_me_that_my_colleagues_think_highly_of_m
e
3
I_take_feedback_as_a_chance_to_grow_and_improve_what_I'm_doing_
5
I_enjoy_teaching_others_since_it_helps_me_grow_my_own_skills_and_abilities
4
I_am_better_at_starting_new_projects_than_completing_them
4
There_are_things_that_no_matter_how_hard_you_work_you_CANNOT_improve
1
The_harder_I_work_at_something_the_better_I_can_be_at_it
5
It_was_easier_to_be_productive_pre_covid_than_in_the_online_age_of_learning
1.0
I've_found_better_ways_to_spend_my_time_and_remain_constructive_during_lockdown_and_
quarantine_
3.0
I_have_significantly_grown_to_understand_my_personality_and_how_it_affects_my_workst
yle
3.0
The_lockdown_and_quarantine_put_me_in_a_more_monotonous_routine_that_was_mentally_dr
aining_
5.0
```

```
I_am_currently_pursuing_my_degree_in_BTech_Degree_in_the_year:
2
I_chose_this_career_path_and_I'm_content_with_my_choice
4
I_often_find_myself_reevaluating_my_career_choice_
4
Regardless_of_my_interest_in_my_career_field_I_manage_to_learn_and_understand_my_cur
riculum_
3
I_enjoy_learning_and_researching_over_various_subfields_or_topics_in_my_career_field
-
4
I_might_not_enjoy_learning_my_curriculum_but_I_enjoy_the_field_of_study_in_general_
You_might_not_particularly_enjoy_some_subjects_in_IT_but_you_enjoy_doing_web_develop
ment
5
I_can_visualize_my_career_goal_and_the_need_to_continue_learning_even_when_I_experi
ence_failure_
4
I_feel_good_about_myself_when_I_am_able_to_complete_my_work_with_ease
5
My_grades_don't_reflect_my_true_potential_in_the_field_and_I_believe_I_will_perform_
better_in_industries
5
Please_enter_your_current_CGPA_
.
I_feel_like_I_struggle_to_be_creative_and_innovative_in_my_class_subjects_and_often_
rely_on_online_material_
3
I_struggle_to_enjoy_my_classes_and_often_feel_frustrated_by_the_course_
3
It_is_extremelyImportant_for_me_to_pursue_this_career_fieldregardless_of_my_inter
est_
3
I_would_appreciate_help_and_guidance_to_change_my_work_style_in_order_to_achieve_my_
career_goals_
5.0
If_I_had_a_choice_to_switch_to_a_field_of_my_liking_I_would_go_for_it_in_order_to_fe
el_more_satisfied_
5.0
My_school_performance_during_high_school_between_10th_to_12th_grade_were_a_lot_bette
r_than_my_current_performance_in_college
2.0
Please_enter_your_percentage_percentage_only_from_grade_10th
70.80
Please_enter_your_percentage_percentage_only_from_grade_12th
65.65
I_wish_to_seek_help_with_being_able_to_remain_goal_driven_and_enthusiastic_towards_m
y_career_aspirations_
5.0
Name: 40, dtype: object
```

In [98]: df_new=df_new.drop(index=[30,40]) #dropping 30th and 40th row due to bad data

In [99]: df_new = df_new.apply(pd.to_numeric) #changing the dataframe type to numeric for cal

In [100...]: df_new=df_new.reset_index(drop=True) #resetting indexes again
df_new

Out[100...]: Overall_I'm_a.pretty_positive_person_and_I_believe_in_my_potential I_believe_that_if_you_work_hard_a

0	4
1	5

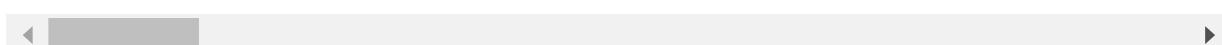
Overall_I_m_a.pretty_positive_person_and_I_believe_in_my_potential I_believe_that_if_you_work_hard_a

2	2
3	3
4	4
5	5
6	5
7	4
8	5
9	2
10	5
11	5
12	4
13	3
14	5
15	4
16	5
17	5
18	4
19	4
20	5
21	5
22	4
23	5
24	4
25	4
26	4
27	4
28	2
29	5
30	4
31	3
32	5
33	5
34	4
35	4
36	5

Overall_I_m_a.pretty_positive_person_and_I_believe_in_my_potential I_believe_that_if_you_work_hard_a

37	5
38	4
39	4
40	4
41	5
42	3
43	5
44	5
45	5
46	5
47	5
48	5
49	4
50	5
51	5
52	5
53	4
54	4
55	4
56	5
57	5
58	3
59	5
60	5
61	5
62	5
63	3
64	4
65	5
66	4
67	5
68	2

69 rows × 33 columns



In [101...]

```
df_new=df_new.loc[(df_new.Please_enter_your_current(CGPA_ > 0) & (df_new.Please_enter_your_percentage_only_from_grade_10>0)) | ((df_new.Please_enter_your_percentage_only_from_grade_10>0) & (df_new.Please_enter_your_current(CGPA_ > 0)<0))]
```

```
df_new #final data
```

Out[102...]

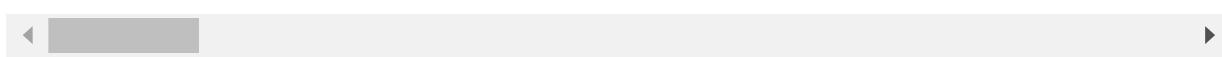
Overall_Im_a.pretty_positive_person_and_I_believe_in_my_potential I_believe_that_if_you_work_hard_a

0	4
1	5
2	2
3	3
4	4
5	5
6	5
7	4
8	5
9	2
10	5
11	5
12	4
13	3
14	5
15	4
16	5
17	5
18	4
19	4
20	5
21	5
22	4
23	5
24	4
25	4
26	4
27	4
28	2
29	5

Overall_Im_a.pretty_positive_person_and_I_believe_in_my_potential I_believe_that_if_you_work_hard_a

30	4
31	5
32	5
33	4
34	4
35	5
36	5
37	4
38	4
39	4
40	3
41	5
42	5
43	5
44	4
45	5
46	5
47	5
48	4
49	4
50	4
51	5
52	5
53	3
54	5
55	5
56	5
57	3
58	5
59	4
60	5
61	2

62 rows × 33 columns



In [103...]

```
df_new.to_csv("test.csv") #saving it to another csv file
```

In []: