

# Employee Career Survey Analysis-

## Objective of the Project-

1. What is the analysis of Country?
2. What are the factors influencing the career aspirations of GenZ?
3. How many want to pursue higher education outside India with their investment?
4. How likely GenZ is to work for one company for three years or more?
5. What is the preferred working environment of GenZ?

## Importing Libraries-

```
In [1]: import numpy as np
import pandas as pd
import plotly.express as px
import plotly.graph_objects as go
```

## Loading Dataset-

```
In [7]: data = pd.read_csv("Career Aspirations of GenZ.csv")
data.head(2)
```

Out[7]:

	Your Current Country.	Your Current Zip Code / Pin Code	Your Gender	Which of the below factors influence the most about your career aspirations ?	Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self sponsor it.	How likely is that you will work for one employer for 3 years or more ?	Would you work for a company whose mission is not clearly defined and publicly posted.	How likely would you work for a company whose mission is misaligned with their public actions or even their product ?	How likely would you work for a company whose mission is not bringing social impact ?	What is the most preferred working environment for you.	Which of the below Employers would you work with.	Which type of learning environment that you are most likely to work in ?	Which of the below careers looks close to your Aspirational job ?
0	India	273005	Male	People who have changed the world for better	Yes, I will earn and do that	This will be hard to do, but if it is the righ...	No	Will NOT work for them	4	Fully Remote with No option to visit offices	Employer who rewards learning and enables that...	Instructor or Expert Learning Programs, Trial ...	Business Operations in any organization, Build...
1	India	851129	Male	People who have changed the world for better	No, But if someone could bare the cost I will	This will be hard to do, but if it is the righ...	No	Will NOT work for them	1	Fully Remote with Options to travel as and whe...	Employer who pushes your limits by enabling an...	Self Paced Learning Portals, Instructor or Exp...	Business Operations in any organization, Build...

## Checking Null Values-

In [5]: `data.isnull().sum()`

```

Out[5]: Your Current Country.                                0
        Your Current Zip Code / Pin Code                    0
        Your Gender                                          0
        Which of the below factors influence the most about your career aspirations ? 0
        Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self sponsor it. 0
        How likely is that you will work for one employer for 3 years or more ?          0
        Would you work for a company whose mission is not clearly defined and publicly posted. 0
        How likely would you work for a company whose mission is misaligned with their public actions or even their product ? 0
        How likely would you work for a company whose mission is not bringing social impact ? 0
        What is the most preferred working environment for you.                            0
        Which of the below Employers would you work with.    0
        Which type of learning environment that you are most likely to work in ?        0
        Which of the below careers looks close to your Aspirational job ?              0
        What type of Manager would you work without looking into your watch ?          0
        Which of the following setup you would like to work ? 0
        dtype: int64

```

## Analysis of Country-

```

In [9]: Country = data["Your Current Country."].value_counts()
        Country

```

```

Out[9]: Your Current Country.
        India                231
        Germany                2
        United Arab Emirates    1
        United States of America 1
        Name: count, dtype: int64

```

```

In [19]: Country = data["Your Current Country."].value_counts()
        label = Country.index
        value = Country.values
        colors = ["pink", "lightgreen"]

        fig = go.Figure(data=[go.Pie(labels=label, values=value, hole=0.5)])

        fig.update_layout(title_text="Current Country", font_size=15)

        fig.update_traces( hoverinfo="label+value", textinfo="percent", textfont_size=20,
                           marker=dict(colors=colors, line=dict(color="black", width=1.5)), )

        fig.show()

```

## Factors influencing the career aspirations of GenZ-

```
In [21]: Factors = data["Which of the below factors influence the most about your career aspirations ?"].value_counts()  
Factors
```

```
Out[21]: Which of the below factors influence the most about your career aspirations ?
My Parents 79
People who have changed the world for better 57
People from my circle, but not family members 39
Influencers who had successful careers 37
Social Media like LinkedIn 23
Name: count, dtype: int64
```

```
In [30]: Factors = data["Which of the below factors influence the most about your career aspirations ?"].value_counts()
label=Factors.index
value=Factors.values
colors=["lightgreen", "lightblue"]

figure = go.Figure(data=[go.Pie(labels=label, values=value, hole=0.5)])

figure.update_layout(title_text="Factors Influencing Career Aspiration", font_size=15)

figure.update_traces(hoverinfo="label+value", textinfo="percent",
                     marker=dict(colors=colors, line=dict(color="black", width=1.5)))

figure.show()
```

## Pursue Higher Education outside India with their Investment-

```
In [39]: ques3 = data["Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self sponso"]
ques3
```

```
Out[39]: Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self sponsor it.  
Yes, I will earn and do that 110  
No I would not be pursuing Higher Education outside of India 65  
No, But if someone could bare the cost I will 60  
Name: count, dtype: int64
```

```
In [45]: ques3 = data["Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self sponso  
label=ques3.index  
value=ques3.values  
colors=["lightgreen","lightblue"]  
  
fig = go.Figure(data=[go.Pie(labels=label , values=value, hole=0.5)])  
  
fig.update_layout(title_text="Higher Education/Post Graduation outside of India", font_size=15)  
  
fig.update_traces(hoverinfo="label+value", textinfo="percent",  
                  marker=dict(colors=colors, line=dict(color="black", width=1.5)))  
fig.show()
```

## Working in one company for three years or more-

```
In [42]: ques4 = data["How likely is that you will work for one employer for 3 years or more ?"].value_counts()  
ques4
```



```
Out[42]: How likely is that you will work for one employer for 3 years or more ?
This will be hard to do, but if it is the right company I would try    139
Will work for 3 years or more                                          79
No way, 3 years with one employer is crazy                            17
Name: count, dtype: int64
```

```
In [47]: ques4 = data["How likely is that you will work for one employer for 3 years or more ?"].value_counts()
label=ques4.index
value=ques4.values
colors=["pink", "lightbrown"]

fig=go.Figure(data=[go.Pie(labels=label, values=value, hole=0.5)])

fig.update_layout(title_text="Working Duration in a company", font_size=15)

fig.update_traces(hoverinfo="label+value", textinfo="percent",
                  marker=dict(colors=colors, line=dict(color="black", width=1.5)))
fig.show()
```

## Preferred working environment of GenZ-

```
In [48]: ques5=data["What is the most preferred working environment for you."].value_counts()  
ques5
```

```
Out[48]: What is the most preferred working environment for you.
Fully Remote with Options to travel as and when needed 60
Hybrid Working Environment with less than 15 days a month at office 57
Every Day Office Environment 50
Hybrid Working Environment with less than 10 days a month at office 31
Hybrid Working Environment with less than 3 days a month at office 26
Fully Remote with No option to visit offices 11
Name: count, dtype: int64
```

```
In [50]: ques5=data["What is the most preferred working environment for you."].value_counts()
label=ques5.index
value=ques5.values
color=["yellow", "lightpurple"]

fig=go.Figure(data=[go.Pie(labels=label, values=value, hole=0.5)])

fig.update_layout(title_text="Preferred working environment of GenZ", font_size=15)

fig.update_traces(hoverinfo="label+value", textinfo="percent",
                  marker=dict(colors=colors, line=dict(color="black", width=1.5)))

fig.show()
```

