Employee Career Survey Analysis

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

In [2]:
```
data=pd.read_csv("/Downloads/python day 24 Your Career Aspirations of Gen2.csv")
```

In [3]:
```
data.head()
```

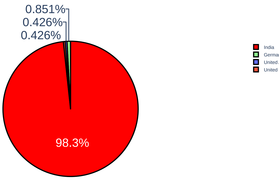
Out[3]:

	Your Current Country.	Your Current Zip 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 Aspirations job ?	What type of Manager would you work without looking into your watch ?	Which of the following setup you would like to work ?
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...	Manager who explains what is expected, sets a ...	Work alone, Work with 2 to 3 people in my team...
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...	Manager who explains what is expected, sets a ...	Work with 5 to 6 people in my team
2	India	123106	Female	Social Media like LinkedIn	Yes, I will earn and do that	Will work for 3 years or more	Yes	Will work for them	7	Hybrid Working Environment with less than 15 d...	Employer who pushes your limits by enabling an...	Self Paced Learning Portals, Trial and error b...	Manage and drive End-to-End Projects or Produc...	Manager who explains what is expected, sets a ...	Work with 2 to 3 people in my team, Work with ...
3	India	834003	Male	People from my circle, but not family members	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	6	Hybrid Working Environment with less than 15 d...	Employer who pushes your limits by enabling an...	Instructor or Expert Learning Programs, Trial	Business Operations in any organization, Manag...	Manager who explains what is expected, sets a ...	Work with 2 to 3 people in my team
4	India	303119	Female	Influencers who had successful careers	No, But if someone could bare the cost I will	Will work for 3 years or more	No	Will NOT work for them	5	Fully Remote with Options to travel as and whe...	Employer who pushes your limits by enabling an...	Self Paced Learning Portals, Learning by obser...	Teaching in any of institutes/online or Of...	Manager who explains what is expected, sets a ...	Work with 2 to 3 people in my team, Work with ...

In [4]:
```
data.columns
```

Out[4]:
```
Index(['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 Aspirations job ?',
       'What type of Manager would you work without looking into your watch ?',
       'Which of the following setup you would like to work ?'],
      dtype='object')
```

In [5]:
```
country=data['Your Current Country.'].value_counts()
label=country.index
counts=country.values
colors=['red','lightgreen']
fig=go.Figure(data=[go.Pie(labels=label,values=counts)])
fig.update_layout(title_text="Current Country")
fig.update_traces(hoverinfo='label+value',textinfo='percent',textfont_size=30,marker=dict(colors=colors,line=dict(color='black',width=3)))
fig.show()
```



In [6]:
```
country
```

Out[6]:
```
Your Current Country.
India                          231
Germany                          2
United Arab Emirates             1
United States of America         1
Name: count, dtype: int64
```

Factor influencing career aspirations

In [7]:
```
data.head()
```

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 Aspirations job ?	What type of Manager would you work without looking into your watch ?	Which of the following setup you would like to work ?
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...	Manager who explains what is expected, sets a ...	Work alone, Work with 2 to 3 people in my team...
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...	Manager who explains what is expected, sets a ...	Work with 5 to 6 people in my team
2	India	123106	Female	Social Media like LinkedIn	Yes, I will earn and do that	Will work for 3 years or more	Yes	Will work for them	7	Hybrid Working Environment with less than 15 d...	Employer who pushes your limits by enabling an...	Self Paced Learning Portals, Trial and error b...	Manage and drive End-to-End Projects or Produc...	Manager who explains what is expected, sets a ...	Work with 2 to 3 people in my team, Work with ...
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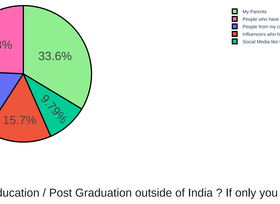
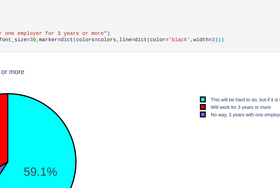
Which of the below factors influence the most about your career aspirations ?

In [8]:
```
ques1="Which of the below factors influence the most about your career aspirations ?"
ques1=data[ques1].value_counts()
label=ques1.index
counts=ques1.values
colors=['lightgreen','hotpink']
fig=go.Figure(data=[go.Pie(labels=label,values=counts)])

fig.update_layout(title_text="Which of the below factors influence the most about your career aspirations ")
fig.update_traces(hoverinfo='label+value',textinfo='percent',textfont_size=30,marker=dict(colors=colors,line=dict(color='black',width=3)))
fig.show()
```



Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self sponsor it.

In [9]:
```
ques2="Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self sponsor it."
ques2=data[ques2].value_counts()
label=ques2.index
counts=ques2.values
colors=['gray','black']
fig=go.Figure(data=[go.Pie(labels=label,values=counts)])

fig.update_layout(title_text="Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self sponsor it.")
fig.update_traces(hoverinfo='label+value',textinfo='percent',textfont_size=30,marker=dict(colors=colors,line=dict(color='black',width=3)))
fig.show()
```



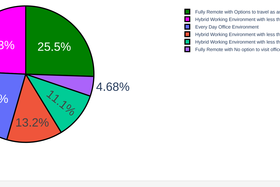
In [10]:
```
ques2
```

Out[10]:
```
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 [ ]:

How likely is that you will work for one employer for 3 years or more ?

In [11]:
```
ques3="How likely is that you will work for one employer for 3 years or more ?"
ques3=data[ques3].value_counts()
label=ques3.index
counts=ques3.values
colors=['aqua','red']
fig=go.Figure(data=[go.Pie(labels=label,values=counts)])

fig.update_layout(title_text="How likely is that you will work for one employer for 3 years or more")
fig.update_traces(hoverinfo='label+value',textinfo='percent',textfont_size=30,marker=dict(colors=colors,line=dict(color='black',width=3)))
fig.show()
```



In [12]:
```
ques3
```

Out[12]:
```
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 [ ]:

What is the most preferred working environment for you.

In [13]:
```
ques5='What is the most preferred working environment for you.'
ques5=data[ques5].value_counts()
label=ques5.index
counts=ques5.values
colors=['green','magenta']
fig=go.Figure(data=[go.Pie(labels=label,values=counts)])

fig.update_layout(title_text="How likely is that you will work for one employer for 3 years or more")
fig.update_traces(hoverinfo='label+value',textinfo='percent',textfont_size=30,marker=dict(colors=colors,line=dict(color='black',width=3)))
fig.show()
```

In [14]:
```
ques5.count
```

Out[14]:
```
<bound method Series.count of 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 [ ]: