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

         data = pd.read_csv("Your Career Aspirations of GenZ.csv")
         print(data.head())
```

```
    Your Current Country.  Your Current Zip Code / Pin Code Your Gender  \
0              India                                273005        Male
1              India                                851129        Male
2              India                                123106      Female
3              India                                834003        Male
4              India                                301019      Female

   Which of the below factors influence the most about your career aspirations ?  \
0         People who have changed the world for better
1         People who have changed the world for better
2                          Social Media like LinkedIn
3      People from my circle, but not family members
4               Influencers who had successful careers

   Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self sponsor it.
\
0                     Yes, I will earn and do that
1      No, But if someone could bare the cost I will
2                     Yes, I will earn and do that
3      No, But if someone could bare the cost I will
4      No, But if someone could bare the cost I will

   How likely is that you will work for one employer for 3 years or more ?  \
0  This will be hard to do, but if it is the righ...
1  This will be hard to do, but if it is the righ...
2                  Will work for 3 years or more
3  This will be hard to do, but if it is the righ...
4                  Will work for 3 years or more

   Would you work for a company whose mission is not clearly defined and publicly posted.  \
0                                                 No
1                                                 No
2                                                Yes
3                                                 No
4                                                 No

   How likely would you work for a company whose mission is misaligned with their public actions or even their product ?  \
0                     Will NOT work for them
1                     Will NOT work for them
2                         Will work for them
3                     Will NOT work for them
4                     Will NOT work for them

    How likely would you work for a company whose mission is not bringing social impact ?  \
```

```
0                                          4
1                                          1
2                                          7
3                                          6
4                                          5

  What is the most preferred working environment for you.  \
0         Fully Remote with No option to visit offices
1  Fully Remote with Options to travel as and whe...
2  Hybrid Working Environment with less than 15 d...
3  Hybrid Working Environment with less than 15 d...
4  Fully Remote with Options to travel as and whe...

  Which of the below Employers would you work with.  \
0  Employer who rewards learning and enables that...
1  Employer who pushes your limits by enabling an...
2  Employer who pushes your limits by enabling an...
3  Employer who pushes your limits by enabling an...
4  Employer who appreciates learning and enables ...

  Which type of learning environment that you are most likely to work in ?  \
0  Instructor or Expert Learning Programs, Trial ...
1  Self Paced Learning Portals, Instructor or Exp...
2  Self Paced Learning Portals, Trial and error b...
3  Instructor or Expert Learning Programs, Trial ...
4  Self Paced Learning Portals, Learning by obser...

  Which of the below careers looks close to your Aspirational job ?  \
0  Business Operations in any organization, Build...
1  Business Operations in any organization, Build...
2  Manage and drive End-to-End Projects or Produc...
3  Business Operations in any organization, Manag...
4  Teaching in any of the institutes/online or Of...

  What type of Manager would you work without looking into your watch ?  \
0  Manager who explains what is expected, sets a ...
1  Manager who explains what is expected, sets a ...
2  Manager who explains what is expected, sets a ...
3  Manager who explains what is expected, sets a ...
4  Manager who explains what is expected, sets a ...

  Which of the following setup you would like to work ?
0  Work alone, Work with 2 to 3 people in my team...
1            Work with 5 to 6 people in my team
```
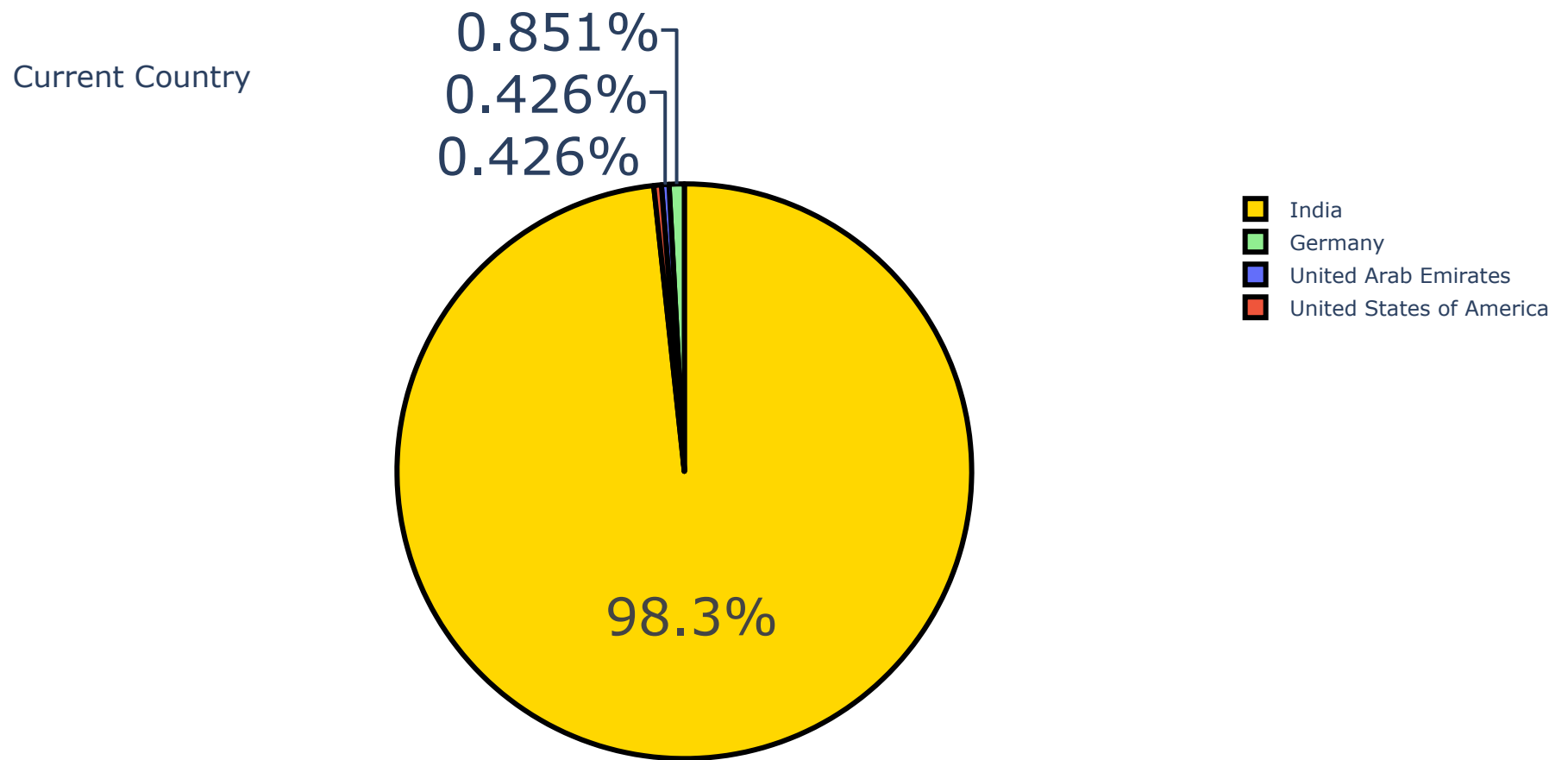
```
   2   Work with 2 to 3 people in my team, Work with ...
   3                 Work with 2 to 3 people in my team
   4   Work with 2 to 3 people in my team, Work with ...
```
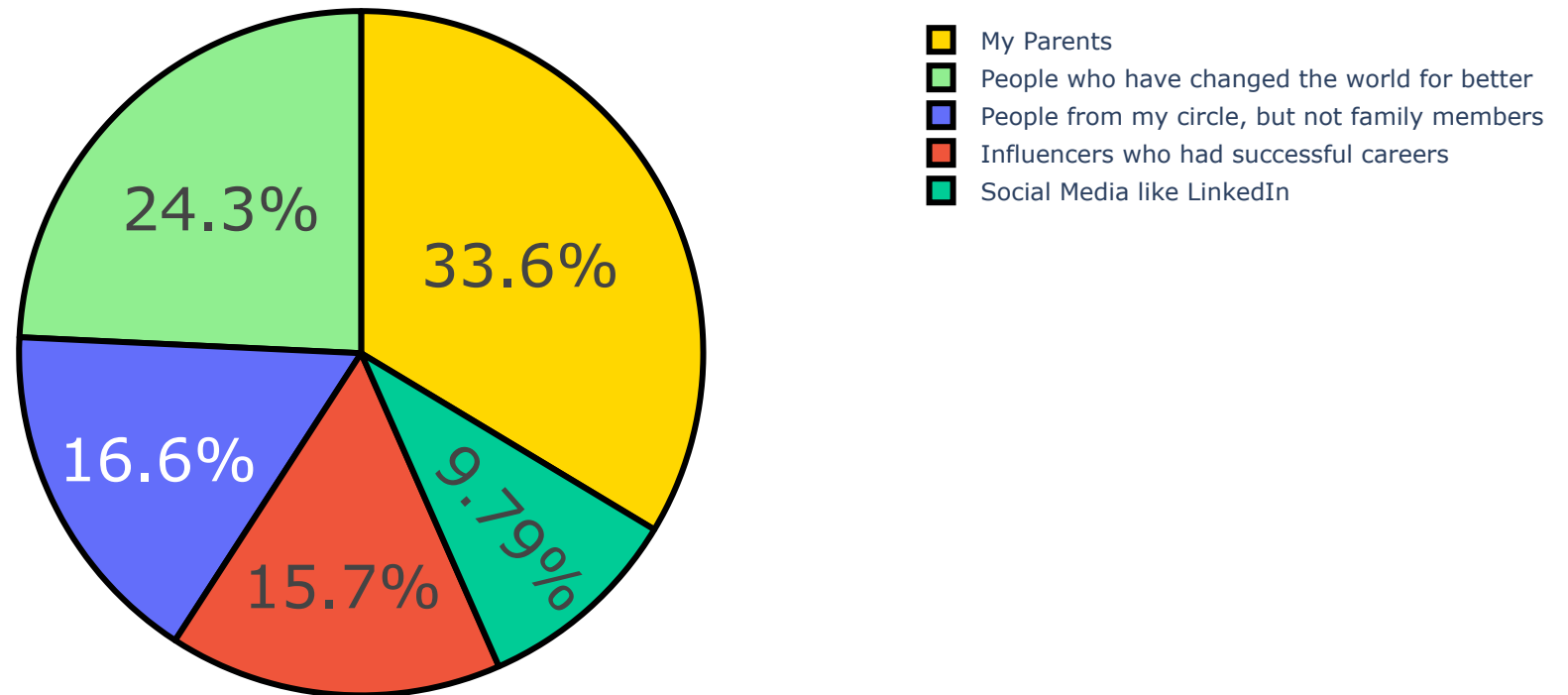
In [2]: ▶ `print(data.columns)`

```
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 spons
or 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 produc
t ?',
       '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 ?',
       'What type of Manager would you work without looking into your watch ?',
       'Which of the following setup you would like to work ?'],
      dtype='object')
```

```python
country = data["Your Current Country."].value_counts()
label = country.index
counts = country.values
colors = ['gold','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()
```
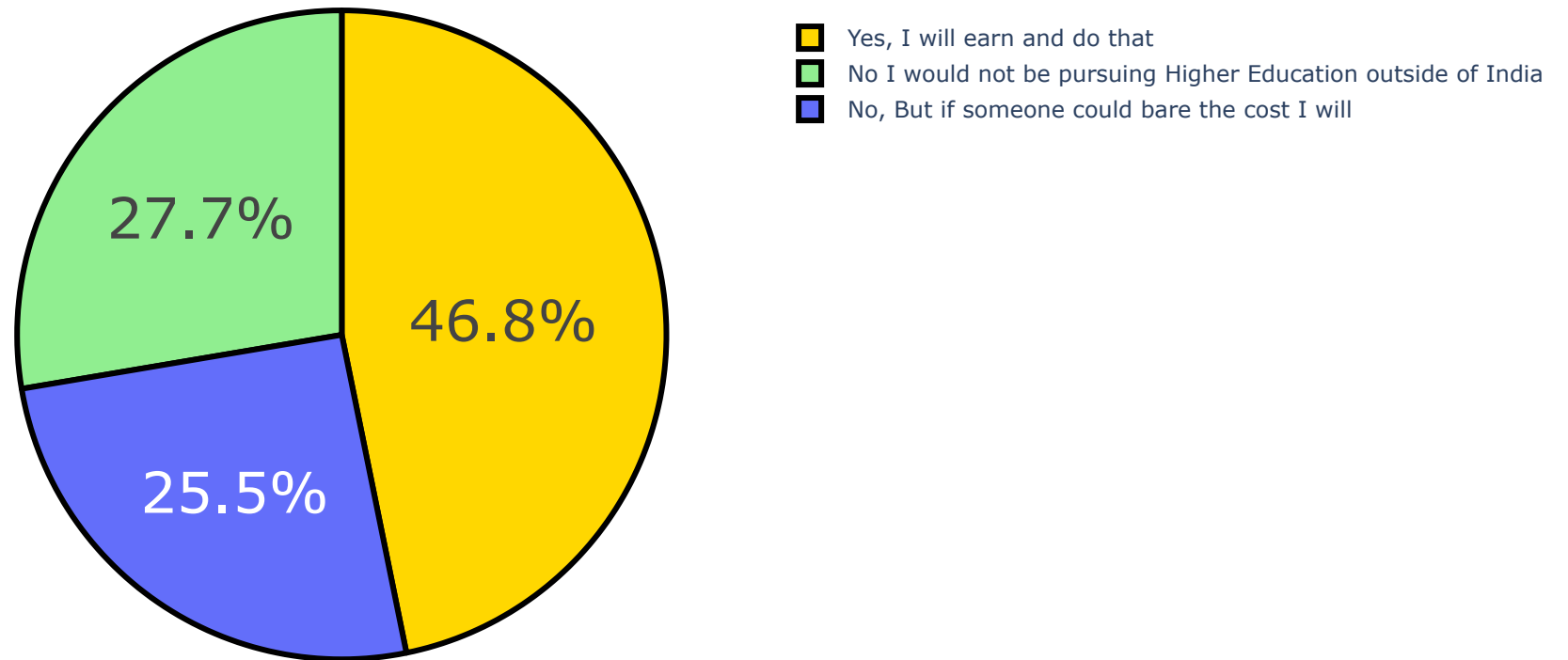
Current Country

0.851%
0.426%
0.426%

98.3%

- 🟨 India
- 🟩 Germany
- 🟦 United Arab Emirates
- 🟥 United States of America

```
In [4]:  ▶| question1 = data["Which of the below factors influence the most about your career aspirations ?"].value_counts()
         label = question1.index
         counts = question1.values
         colors = ['gold','lightgreen']
         fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
         fig.update_layout(title_text='Factors influencing 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()
```

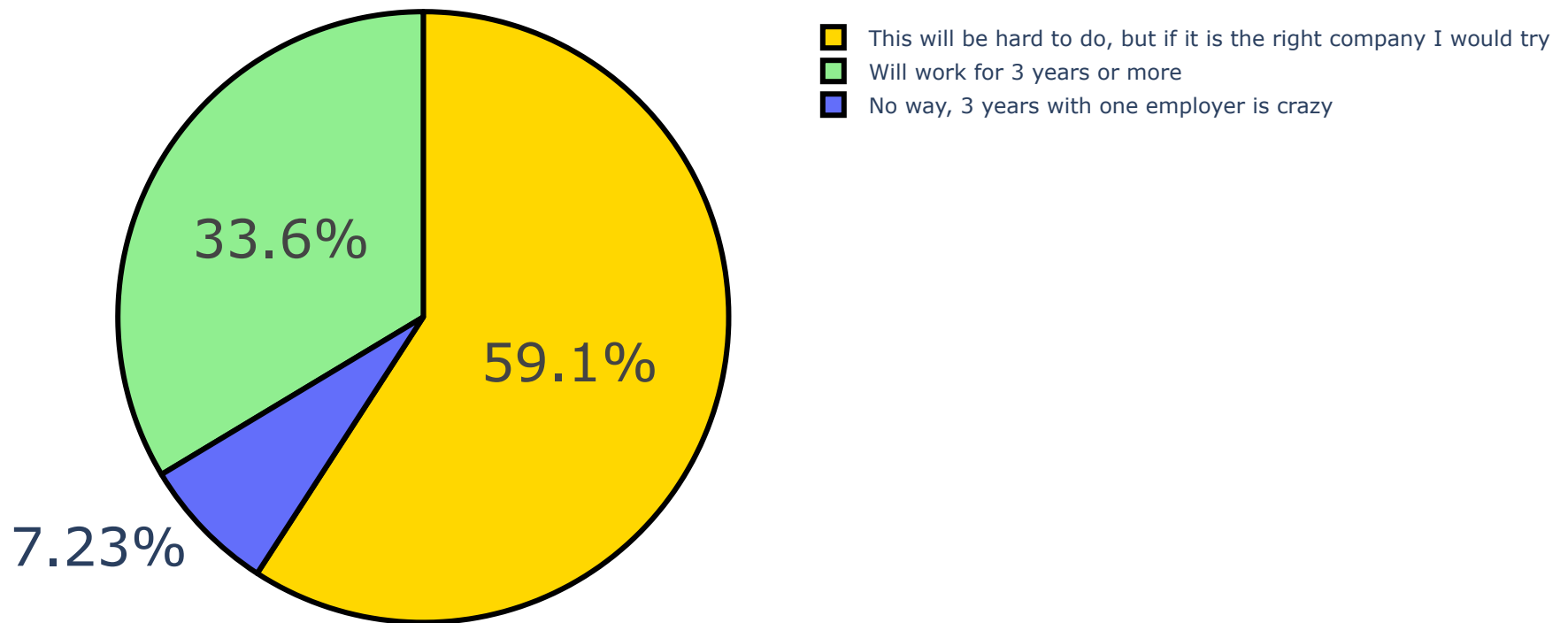Factors influencing career aspirations

Legend:
- My Parents
- People who have changed the world for better
- People from my circle, but not family members
- Influencers who had successful careers
- Social Media like LinkedIn

```python
question2 = "Would you definitely pursue a Higher Education / Post Graduation outside of India ? If only you have to self s
question2 = data[question2].value_counts()
label = question2.index
counts = question2.values
colors = ['gold','lightgreen']
fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
fig.update_layout(title_text='Will you pursue a Higher Education outside India with your investment?')
fig.update_traces(hoverinfo='label+value', textinfo='percent', textfont_size=30,
                  marker=dict(colors=colors, line=dict(color='black', width=3)))
fig.show()
```

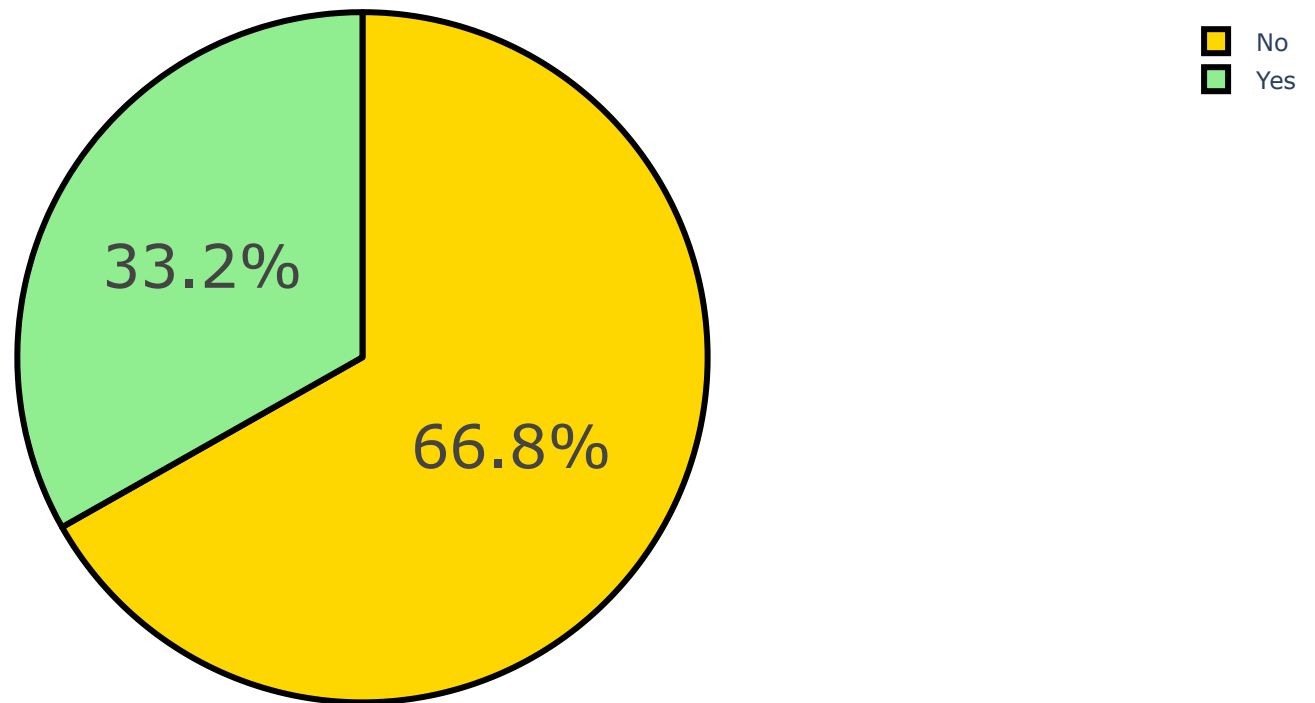# Will you pursue a Higher Education outside India with your investment?

Legend:
- 🟨 Yes, I will earn and do that
- 🟩 No I would not be pursuing Higher Education outside of India
- 🟦 No, But if someone could bare the cost I will

Chart values:
- 46.8%
- 27.7%
- 25.5%

```python
question3 = "How likely is that you will work for one employer for 3 years or more ?"
question3 = data[question3].value_counts()
label = question3.index
counts = question3.values
colors = ['gold','lightgreen']
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()
```

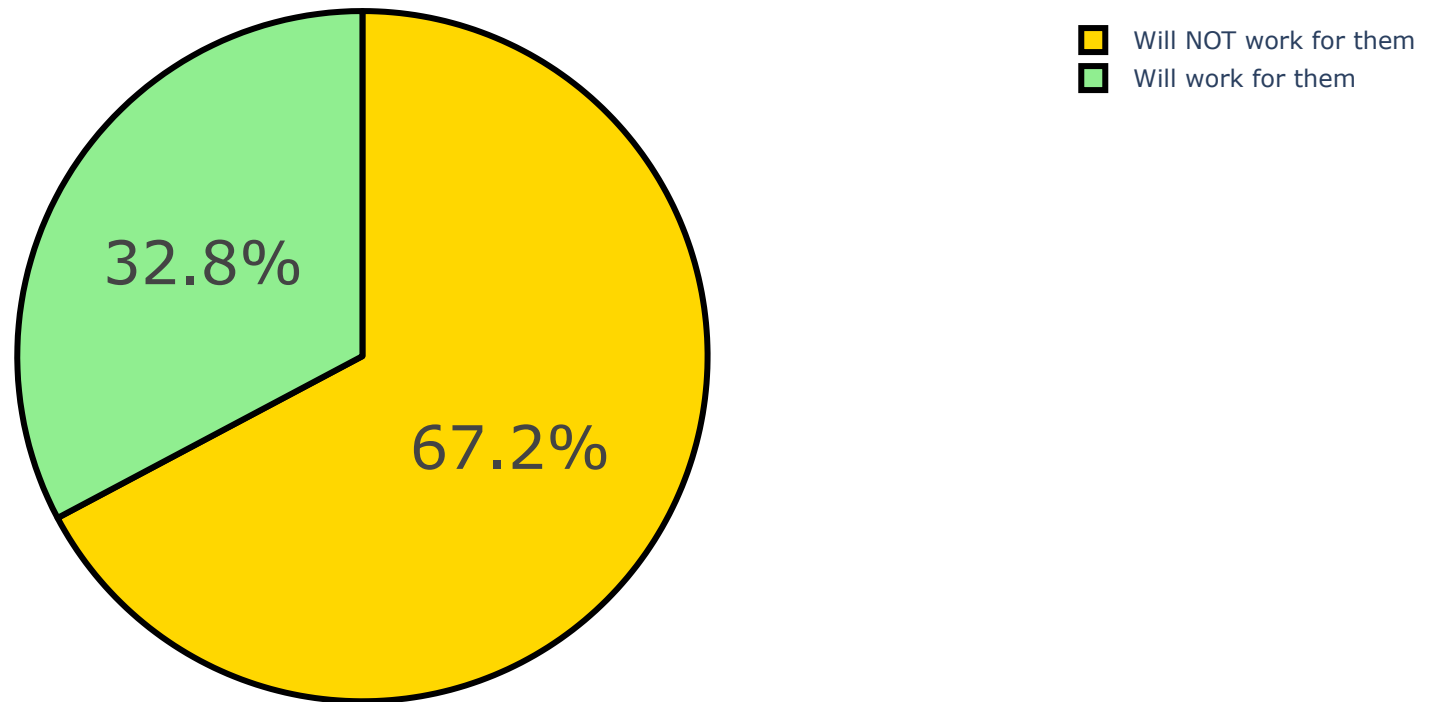How likely is that you will work for one employer for 3 years or more?

Legend:
- This will be hard to do, but if it is the right company I would try
- Will work for 3 years or more
- No way, 3 years with one employer is crazy

In [7]: ▶|
```python
question4 = "Would you work for a company whose mission is not clearly defined and publicly posted."
question4 = data[question4].value_counts()
label = question4.index
counts = question4.values
colors = ['gold','lightgreen']
fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
fig.update_layout(title_text='Would you work for a company whose mission is not clearly defined and publicly posted?')
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 work for a company whose mission is not clearly defined and publicly posted?
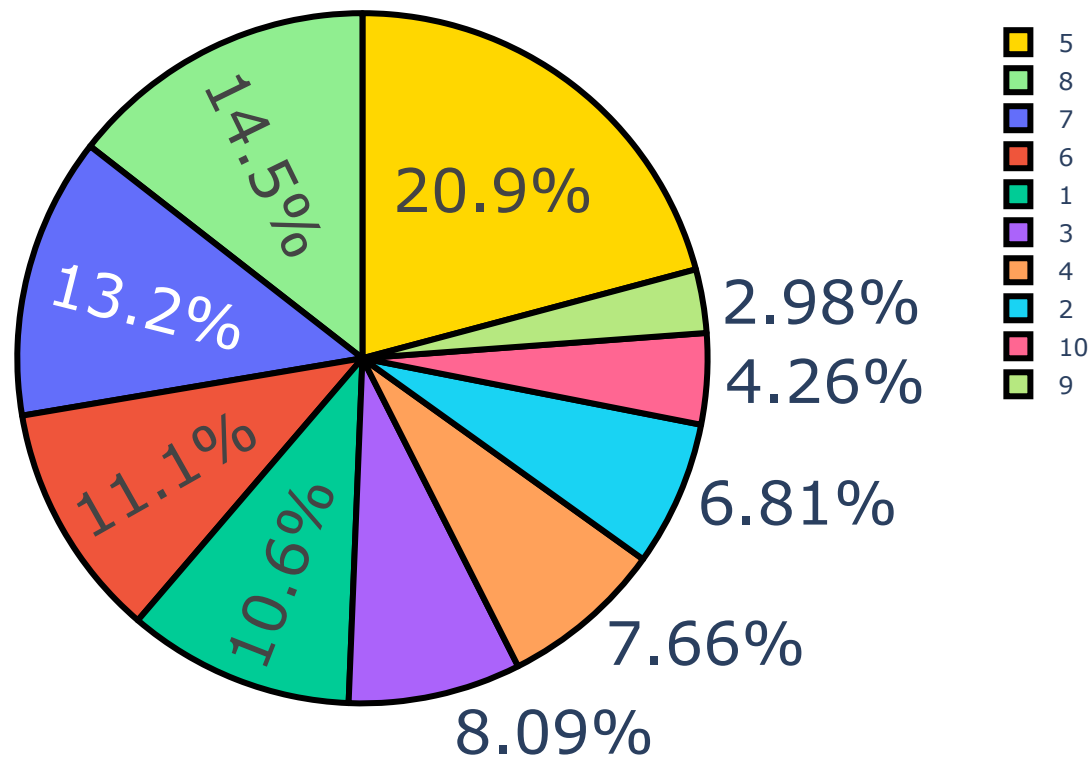

■ No
■ Yes

33.2%

66.8%

```
In [8]:  ▶| question5 = "How likely would you work for a company whose mission is misaligned with their public actions or even their pr
          question5 = data[question5].value_counts()
          label = question5.index
          counts = question5.values
          colors = ['gold','lightgreen']
          fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
          fig.update_layout(title_text='How likely would you work for a company whose mission is misaligned with their actions?')
          fig.update_traces(hoverinfo='label+value', textinfo='percent', textfont_size=30,
                            marker=dict(colors=colors, line=dict(color='black', width=3)))
          fig.show()
```

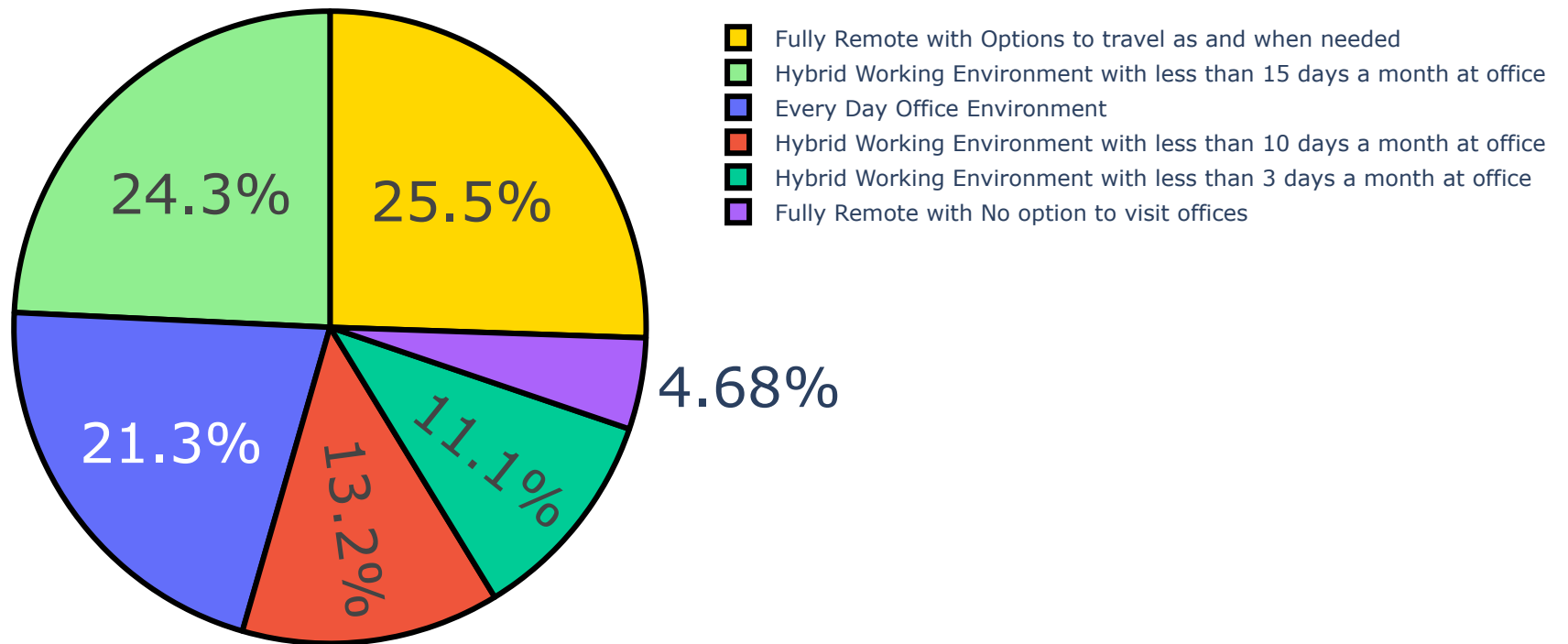How likely would you work for a company whose mission is misaligned with their actions?

Legend:
- Will NOT work for them
- Will work for them

32.8%

67.2%

```python
question6 = "How likely would you work for a company whose mission is not bringing social impact ?"
question6 = data[question6].value_counts()
label = question6.index
counts = question6.values
colors = ['gold','lightgreen']
fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
fig.update_layout(title_text='How likely would you work for a company whose mission is not bringing social impact?')
fig.update_traces(hoverinfo='label+value', textinfo='percent', textfont_size=30,
                marker=dict(colors=colors, line=dict(color='black', width=3)))
fig.show()
```

How likely would you work for a company whose mission is not bringing social impact?
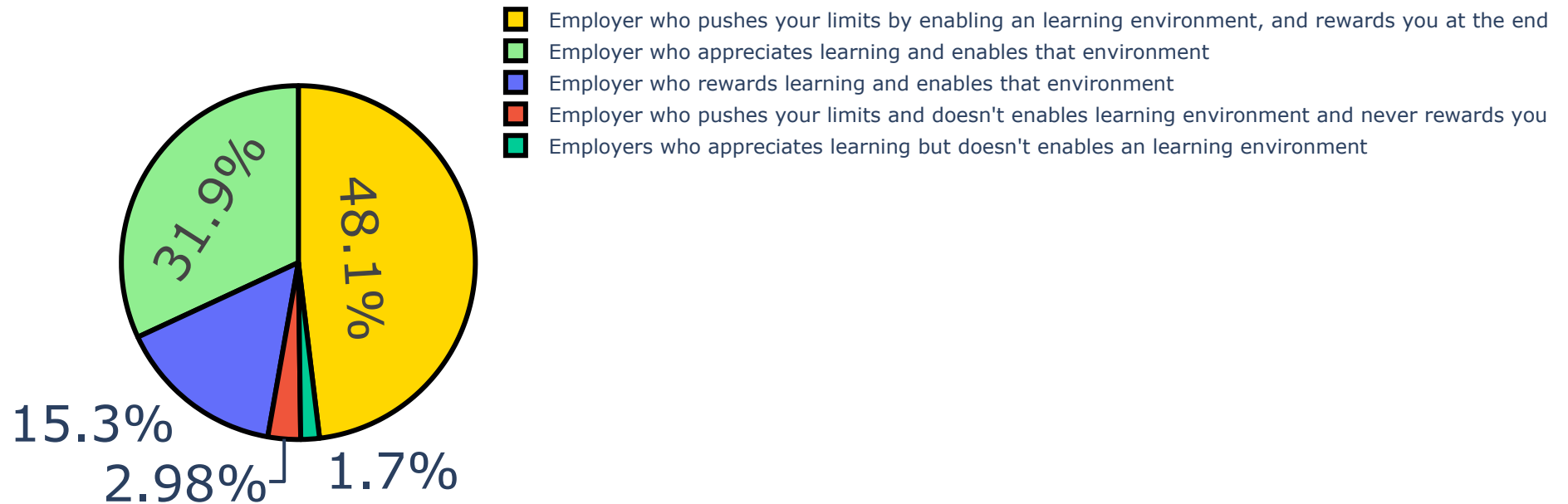
```
In [10]: ▶ question7 = "What is the most preferred working environment for you."
         question7 = data[question7].value_counts()
         label = question7.index
         counts = question7.values
         colors = ['gold','lightgreen']
         fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
         fig.update_layout(title_text='What is the most preferred working environment for you?')
         fig.update_traces(hoverinfo='label+value', textinfo='percent', textfont_size=30,
                      marker=dict(colors=colors, line=dict(color='black', width=3)))
         fig.show()
```

What is the most preferred working environment for you?

■ Fully Remote with Options to travel as and when needed
■ Hybrid Working Environment with less than 15 days a month at office
■ Every Day Office Environment
■ Hybrid Working Environment with less than 10 days a month at office
■ Hybrid Working Environment with less than 3 days a month at office
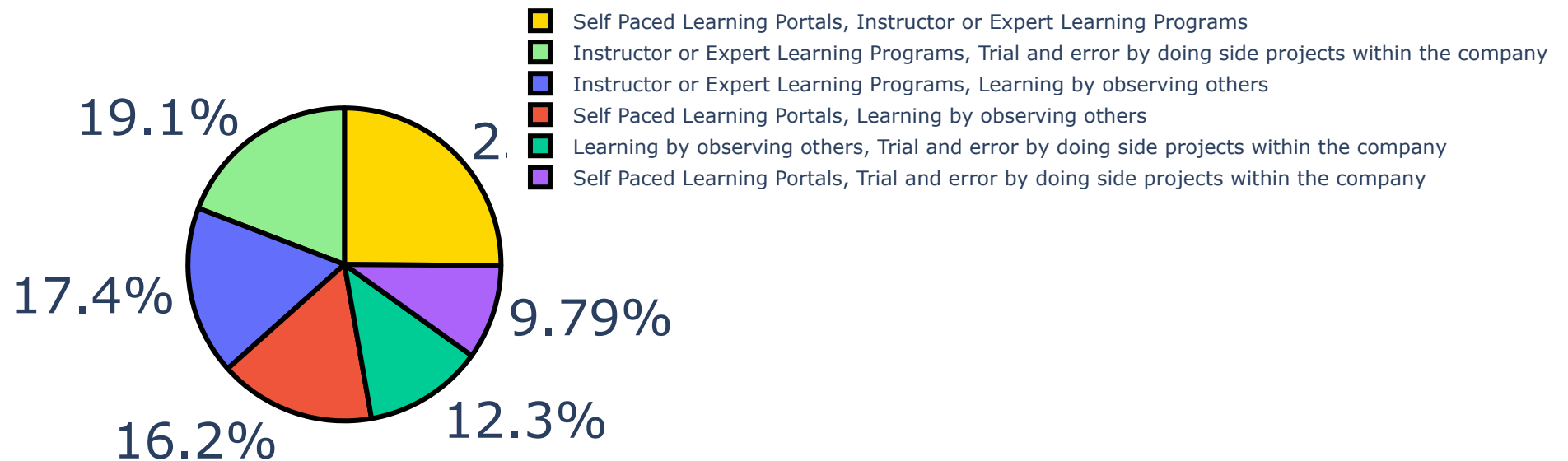■ Fully Remote with No option to visit offices

```python
question8 = "Which of the below Employers would you work with."
question8 = data[question8].value_counts()
label = question8.index
counts = question8.values
colors = ['gold','lightgreen']
fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
fig.update_layout(title_text='Which of the below Employers would you work with?')
fig.update_traces(hoverinfo='label+value', textinfo='percent', textfont_size=30,
                  marker=dict(colors=colors, line=dict(color='black', width=3)))
fig.show()
```

Which of the below Employers would you work with?

Legend:
- Employer who pushes your limits by enabling an learning environment, and rewards you at the end
- Employer who appreciates learning and enables that environment
- Employer who rewards learning and enables that environment
- Employer who pushes your limits and doesn't enables learning environment and never rewards you
- Employers who appreciates learning but doesn't enables an learning environment
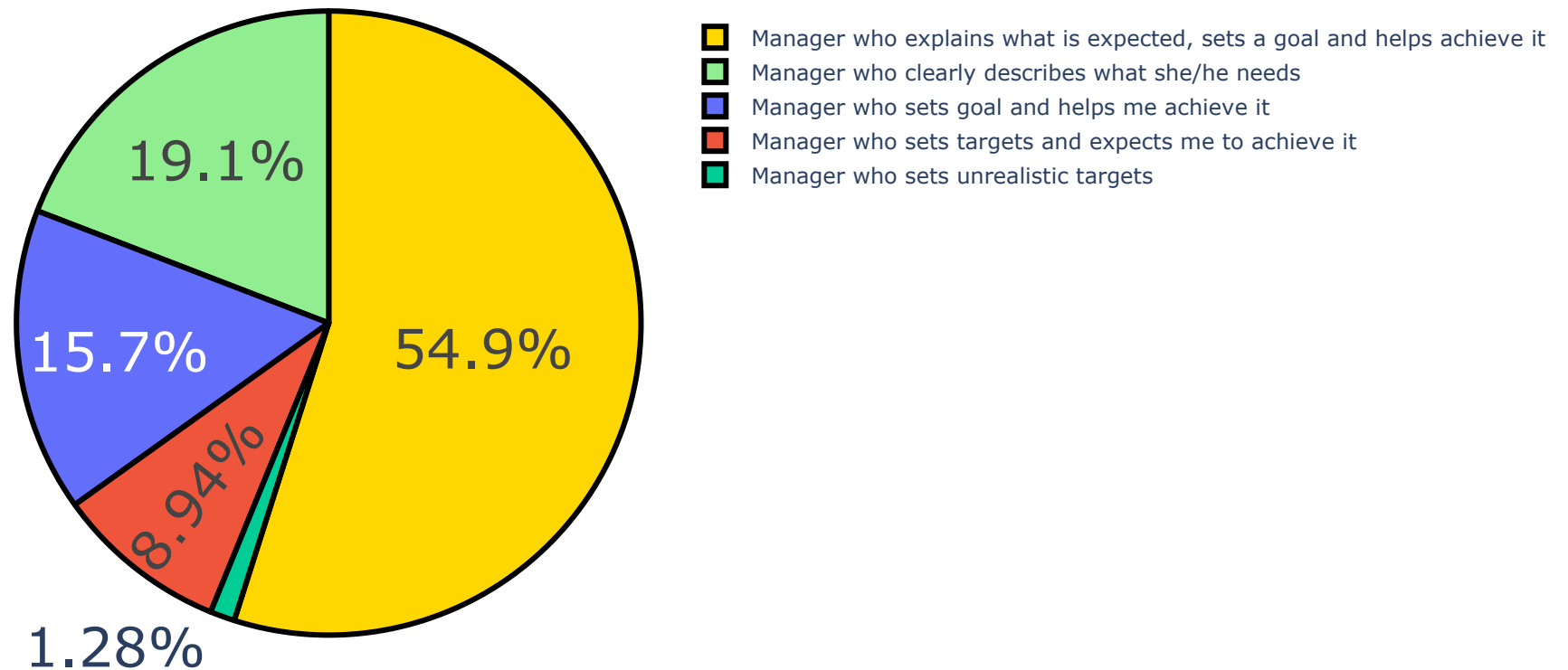
Pie chart values: 48.1%, 31.9%, 15.3%, 2.98%, 1.7%

```python
question9 = "Which type of learning environment that you are most likely to work in ?"
question9 = data[question9].value_counts()
label = question9.index
counts = question9.values
colors = ['gold','lightgreen']
fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
fig.update_layout(title_text='Which type of learning environment that you are most likely to work in?')
fig.update_traces(hoverinfo='label+value', textinfo='percent', textfont_size=30,
                 marker=dict(colors=colors, line=dict(color='black', width=3)))
fig.show()
```

Which type of learning environment that you are most likely to work in?

19.1%
2.
17.4%
16.2%
12.3%
9.79%

- Self Paced Learning Portals, Instructor or Expert Learning Programs
- Instructor or Expert Learning Programs, Trial and error by doing side projects within the company
- Instructor or Expert Learning Programs, Learning by observing others
- Self Paced Learning Portals, Learning by observing others
- Learning by observing others, Trial and error by doing side projects within the company
- Self Paced Learning Portals, Trial and error by doing side projects within the company

In [13]: ▶
```python
question10 = "What type of Manager would you work without looking into your watch ?"
question10 = data[question10].value_counts()
label = question10.index
counts = question10.values
colors = ['gold','lightgreen']
fig = go.Figure(data=[go.Pie(labels=label, values=counts)])
fig.update_layout(title_text='What type of Manager would you work without looking into your watch?')
fig.update_traces(hoverinfo='label+value', textinfo='percent', textfont_size=30,
                  marker=dict(colors=colors, line=dict(color='black', width=3)))
fig.show()
```

What type of Manager would you work without looking into your watch?

- Manager who explains what is expected, sets a goal and helps achieve it
- Manager who clearly describes what she/he needs
- Manager who sets goal and helps me achieve it
- Manager who sets targets and expects me to achieve it
- Manager who sets unrealistic targets

19.1%
15.7%
54.9%
8.94%
1.28%

In [ ]: