Importing the necessary libraries.

In [1]:
```
import pandas as pd
import numpy as np
import os
os.chdir(r'C:\Users\acer\Desktop\PythonProgramming')
```

In [3]:
```
df1 = pd.read_csv('internshala.csv')
df2 = pd.read_csv('internshala1.csv')
```

In [5]:
```
df1.head(7)
```

	Companies	Fields	Start Date	Duration	
0	IIT Bombay	Deep Learning	Immediately	6 Months	2000-4000
1	Motilal Oswal	Data Analytics	20 Apr - 30 Apr'20	4 Months	1000 /mont
2	UpGrad	Teaching (Business Analytics)	Immediately	6 Months	15000 /mor
3	Shyena Tech Yarns Private Limited	Data Science	Immediately	4 Months	1000 /mont
4	TechnoYantra	Machine Learning	Immediately	3 Months	5000-10000
5	Uttam Blastech Pvt. Ltd.	Machine Learning	11 May - 18 May'20	2 Months	10000 lump
6	Predicon.io	Data Analytics	Immediately	6 Months	10000-2000 /month

In [9]:
```
df1.shape
```

```
(40, 7)
```

In [6]:
```
df2.head(7)
```

	Companies	Fields	Start Date	Duration	
0	UniConverge Technologies Private Limited	Machine Learning	Immediately	1 Month	2000 /r
1	Arihant Patawari	Natural Language Processing	Immediately	2 Months	5000 /r
2	BuyUcoin	Blockchain Analytics	Immediately	3 Months	6000-1 /month
3	DPhi	Data Science - Content Development	Immediately	3 Months	6000-9 /month
4	The Shaadi Times	Data Analytics	Immediately	1 Month	1000 /r
5	Softsensor.ai	Convolution Neural Network	Immediately	6 Months	Unpaid
6	Get RIA	Actuary Or Actuarial Intern	Immediately	4 Months	5000-7 /month

In [11]:
```
df2.shape
```

```
(14, 7)
```

Concatenating (stacking) these two dataframes on top of ea

In [7]:
```
df = pd.concat([df1,df2], axis = 0)
```

In [8]:
```
df.shape
```

```
(54, 7)
```

In [12]:
```
df.head()
```

	Companies	Fields	Start Date	Duration	S
0	IIT Bombay	Deep Learning	Immediately	6 Months	2000-4000 /
1	Motilal Oswal	Data Analytics	20 Apr - 30 Apr'20	4 Months	1000 /month
2	UpGrad	Teaching (Business Analytics)	Immediately	6 Months	15000 /mon
3	Shyena Tech Yarns Private Limited	Data Science	Immediately	4 Months	1000 /month
4	TechnoYantra	Machine Learning	Immediately	3 Months	5000-10000

In [13]:
```
df.tail()
```

	Companies	Fields	Start Date	Duration	
9	Mavenai Technologies LTD	Machine Learning (AWS)	Immediately	2 Months	8000 /m
10	HeyCloudy	Web Scrapping And Data Analytics	Immediately	2 Months	1000 /m
11	Pucho Technology Information Private Limited	Deep Learning	Immediately	5 Months	8000-13
12	Trader For Tomorrow	Financial Analysts (Intraday Trading)	Immediately	3 Months	6000 /m Incentiv
13	Sapne	Fund Analytics	Immediately	1 Month	5000 /m

Exporting the data into .csv file.

In [16]:
```
df.to_csv('concat_internshala.csv', index = False)
```

Further Exploration.

In [27]:
```
new_df = np.unique(df['Fields'].values, return_counts = True)
```

In [37]:
```
unique_fields = new_df[0]
count = new_df[1]
```

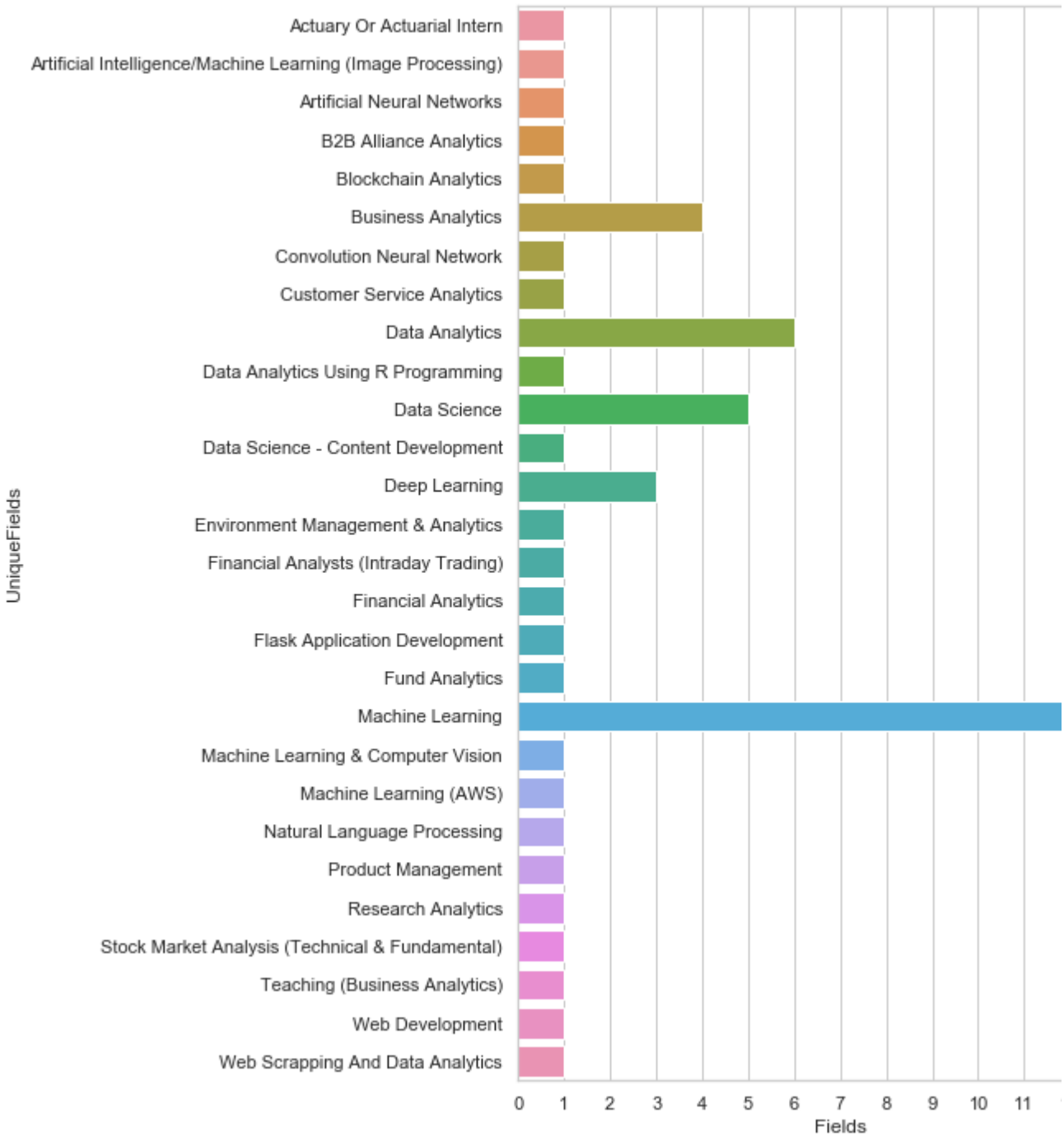
In [49]:
```
x = pd.DataFrame({'UniqueFields': unique_fields, 'Count': count})
```

Data Visualization.

In [39]:
```
import seaborn as sns
import matplotlib.pyplot as plt
```

In [48]:
```
plt.figure(figsize = (7,12))
sns.set(style = 'whitegrid')

col = x.columns.values
sns.barplot(y = x[col[0]], x = x[col[1]] )
plt.xticks(np.arange(0,max(x['Count']+2)))
plt.xlabel('Fields')
plt.show()
```



The End.