```python
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
%matplotlib inline
import seaborn as sns
```

```python
df=pd.read_csv("Customers.csv")
df
```

	CustomerID	Gender	Age	Annual Income ($)	Spending Score (1-100)	Profession	Work Experience	Family Size
0	1	Male	19	15000	39	Healthcare	1	4
1	2	Male	21	35000	81	Engineer	3	3
2	3	Female	20	86000	6	Engineer	1	1
3	4	Female	23	59000	77	Lawyer	0	2
4	5	Female	31	38000	40	Entertainment	2	6
...	...	...	...	...	...	...	...	...
1995	1996	Female	71	184387	40	Artist	8	7
1996	1997	Female	91	73158	32	Doctor	7	7
1997	1998	Male	87	90961	14	Healthcare	9	2
1998	1999	Male	77	182109	4	Executive	7	2
1999	2000	Male	90	110610	52	Entertainment	5	2

```python
df.head
```

```
<bound method NDFrame.head of       CustomerID  Gender  Age  Annual Income ($)  Spending Score (1-100)  \
0              1    Male   19              15000                      39
1              2    Male   21              35000                      81
2              3  Female   20              86000                       6
3              4  Female   23              59000                      77
4              5  Female   31              38000                      40
...          ...     ...  ...                ...                     ...
1995        1996  Female   71             184387                      40
1996        1997  Female   91              73158                      32
1997        1998    Male   87              90961                      14
1998        1999    Male   77             182109                       4
1999        2000    Male   90             110610                      52

         Profession  Work Experience  Family Size
0        Healthcare                1            4
1          Engineer                3            3
2          Engineer                1            1
3            Lawyer                0            2
4     Entertainment                2            6
...             ...              ...          ...
1995         Artist                8            7
1996         Doctor                7            7
1997     Healthcare                9            2
1998      Executive                7            2
1999  Entertainment                5            2

[2000 rows x 8 columns]>
```
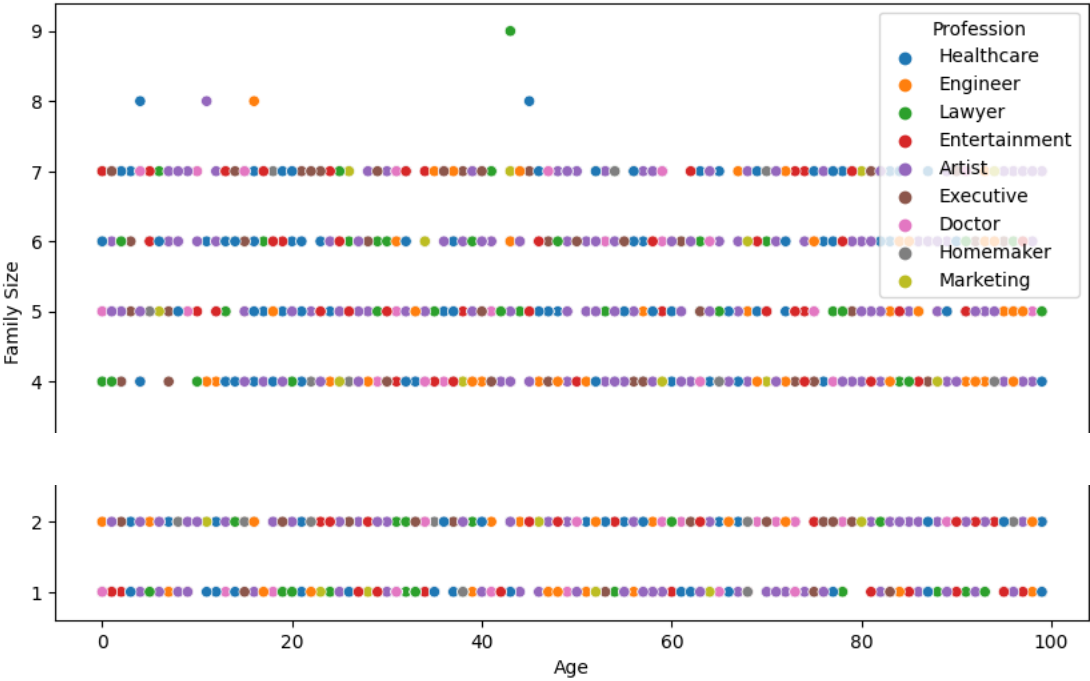
```python
plt.figure(figsize=(10,6))
sns.scatterplot(data=df, x=df['Age'], y=df['Family Size'], hue="Profession")
plt.show()
```