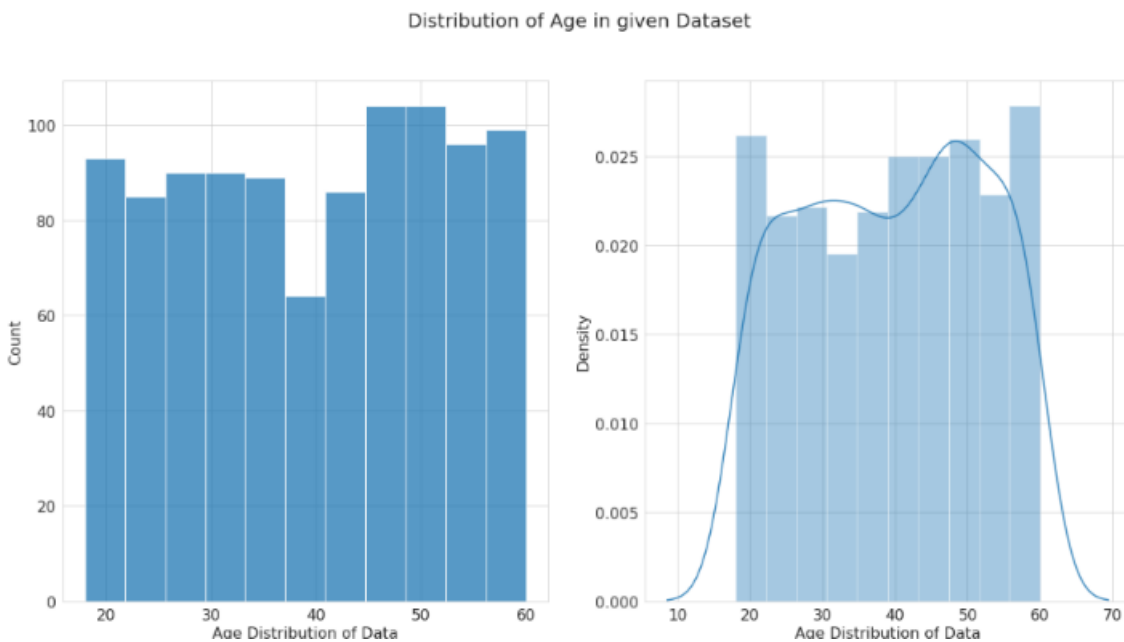


The following data is done from analysis of data from the data provided by IDZ Digital Private Limited as an assignment.

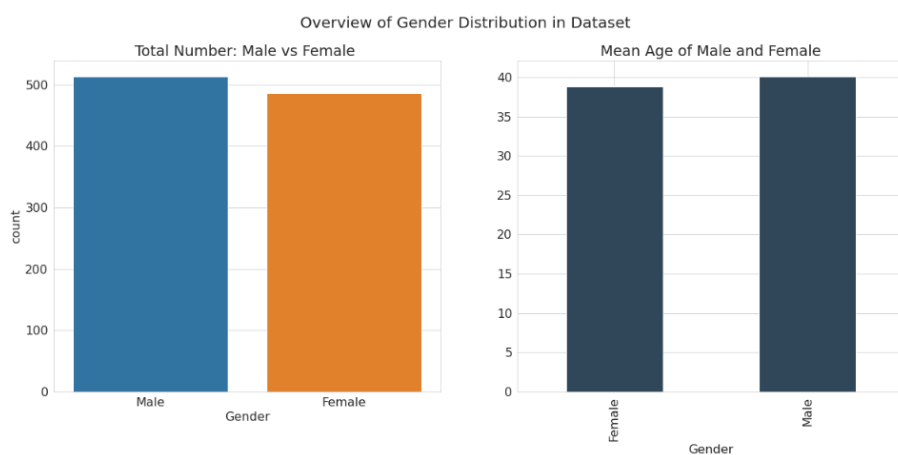
Observation 1:

From the Below two charts, it is clear that there all the ages are more or less equally distributed across the data set. However, one can see the spike when the age increase from 50 onwards



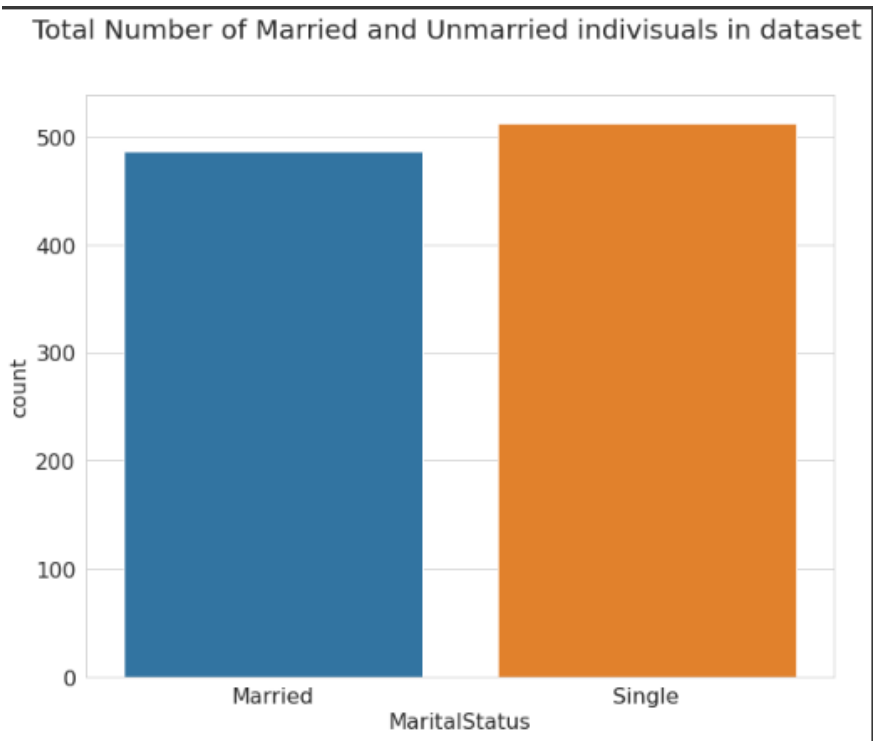
Observation 2:

From the above two charts, it is clear that, Total number of male individuals are more than female individuals and mean age of female i.e. (35.8) is less than male viz (40).



Observation 3:

From the charts below, it is clear that, Total number Single individuals are more in the data as compared to married individual.



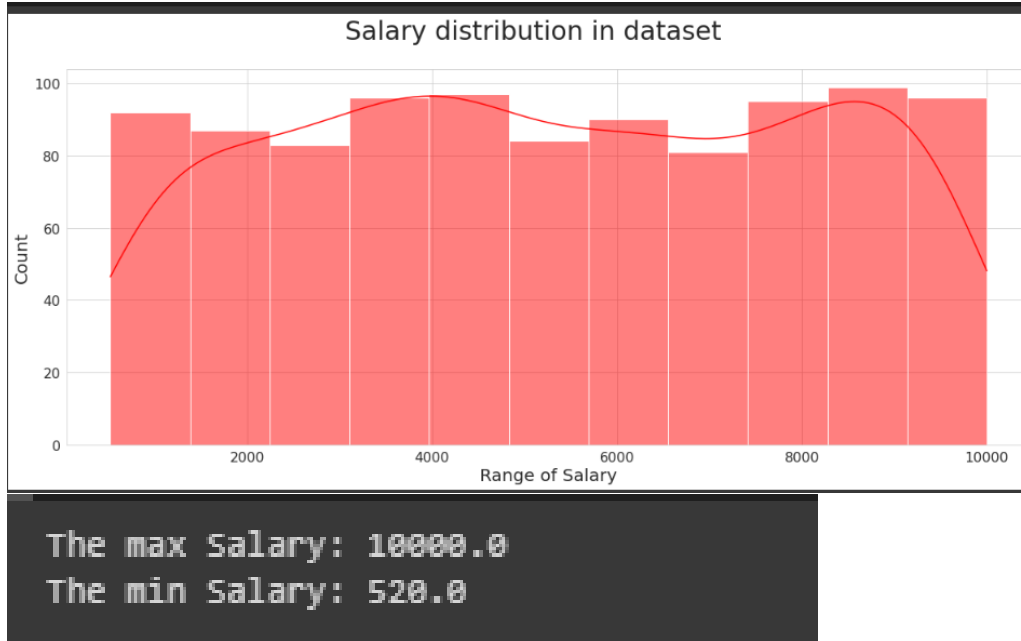
Observation 4:

Crosstab below is a simple representation of Male and Female which are further divided into Married and Single individual around respective occupation.

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Female	Married	3	3	6	3	4	4	6	6	1	8	5	5	7	3	3	4	3	4	4	5
	Single	4	5	1	7	4	6	1	5	9	5	4	3	4	3	1	2	3	8	6	4
Male	Married	3	3	2	8	5	7	3	5	3	8	5	3	4	4	8	3	4	4	4	6
	Single	3	5	3	6	7	5	8	5	4	7	9	5	7	4	6	1	4	8	5	9
All		13	16	12	24	20	22	18	21	17	28	23	16	22	14	18	10	14	24	19	23

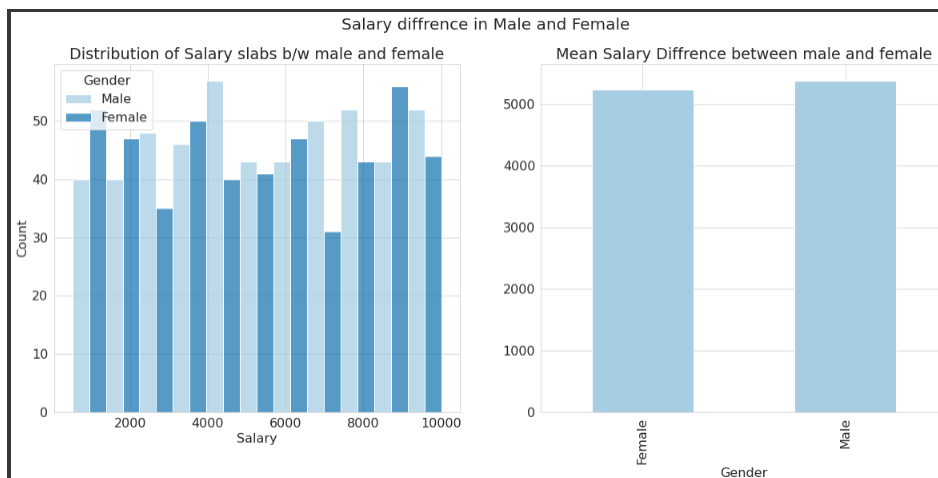
Observation 5:

The histogram shows that salary of each slab is more or less equally distributed among individual it means that there no huge difference in salary, more or less every one belongs to same economical class.



Observation 6:

From the two charts , it is clear that , there exist gap in male & female Salary . This is called wagegap in economics. Males are earning more than female



Observation 7:

From the chart, we can infer that when salary of individual is less, he/she prefers zero children, however no of children increase for individual earning comparatively high this is because he/she could afford 'X' no of children without affecting standard of living.



Observation 8:

The following table show the salary distribution from different Professions along with Age and No of Children.

1 to 25 of 53 entries			
Occupation	Age	Salary	No.ofChildren
Accountant	44.53846153846154	6615.0	2.769230769230769
Actor	33.8125	4631.375	2.1875
Aeroplane Pilot	38.75	6691.166666666667	2.25
Agronomist	37.166666666666664	4860.291666666667	2.5833333333333335
Archeologist	43.65	6117.3	1.7
Architect	37.18181818181818	5569.863636363636	2.409090909090909
Astronomer	32.888888888888886	4632.9444444444444	2.388888888888889
Auditor	34.19047619047619	5252.047619047619	1.6666666666666667
Baker	39.294117647058826	4868.64705882353	3.0588235294117645
Biochemist	40.75	5160.357142857143	2.357142857142857
Botanist	37.04347826086956	4559.130434782609	2.4347826086956523
Carpenter	41.4375	5910.125	2.875
Chief	41.86363636363637	6125.5	2.4545454545454546
Chemist	41.07142857142857	5132.357142857143	2.142857142857143
Composer	40.111111111111114	5501.055555555556	3.2222222222222223
Cook	40.1	3706.0	1.9
Dancer	40.285714285714285	6206.714285714285	2.9285714285714284
Driver	42.583333333333336	5408.958333333333	2.875
Economist	44.05263157894737	5748.8421052631575	2.3684210526315788
Electrician	41.0	4961.391304347826	2.0
Engineer	37.65217391304348	6021.173913043478	2.347826086956522
Fashion Designer	40.42857142857143	5481.785714285715	2.4285714285714284
Fine Artist	36.0	5410.0	2.5263157894736884
Firefighter	38.46666666666667	6578.6	2.1333333333333333
Florist	44.294117647058826	3832.529411764706	2.7058823529411766

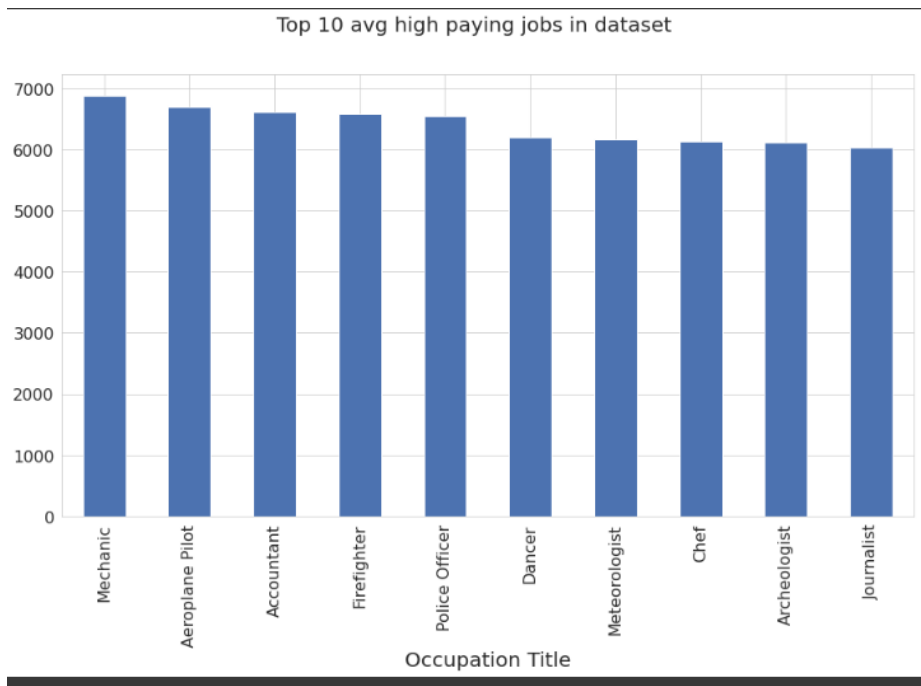
Show 25 per page

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Observation 9:

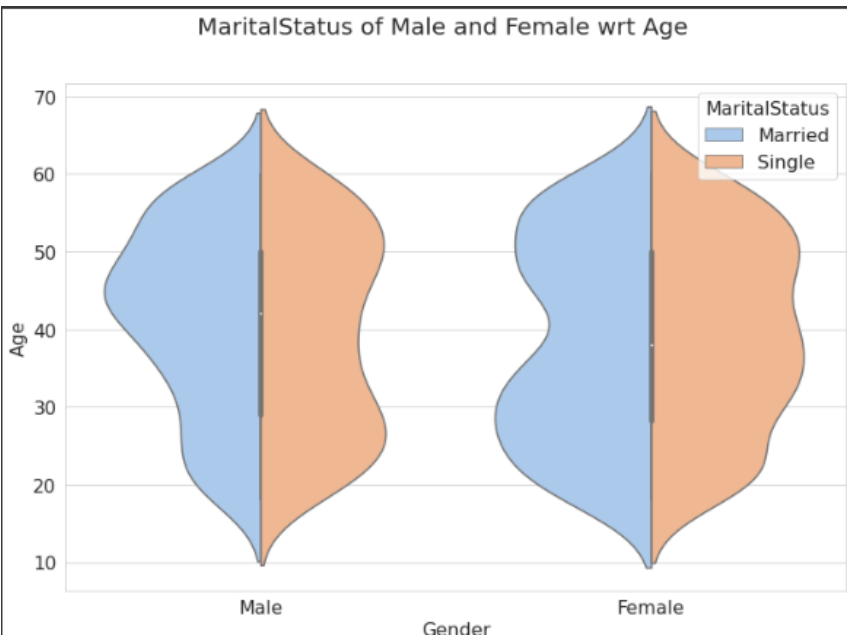
The bottom line is very simple. For average high-paying jobs, mechanics are at the top of the chart, followed by pilots, accountants, and so on.



Observation 10:

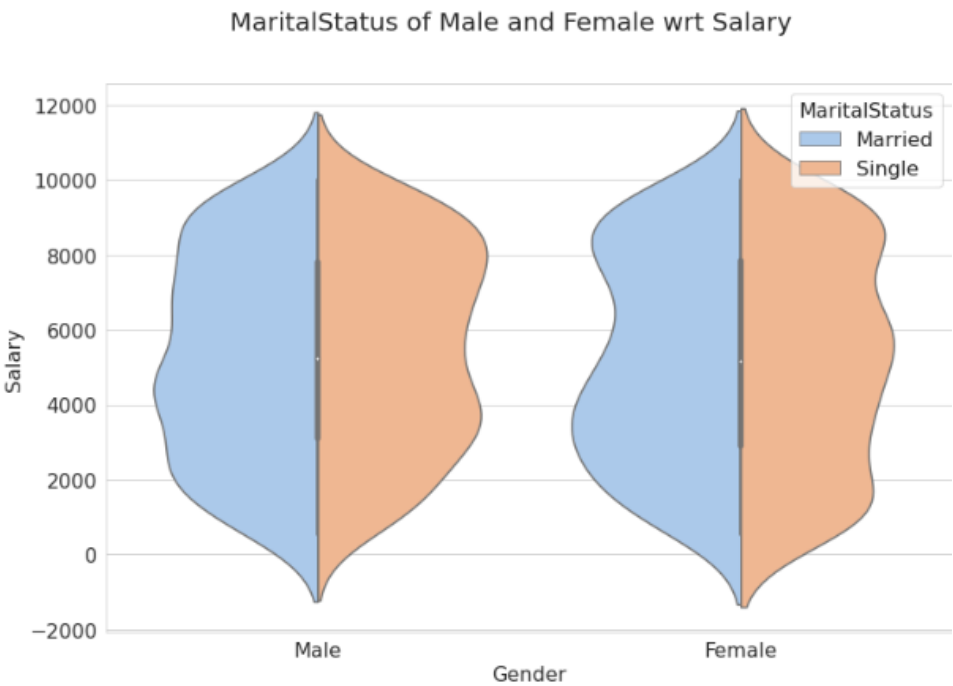
Women are more likely than males to marry young, according to the above graph, which may be due to traditions, rituals, or preconceived notions that women are less valuable than their male counterparts.

This is pretty interesting; single women outnumber single males. This may be due to the feminist movement and many government programmes that boost women's empowerment.



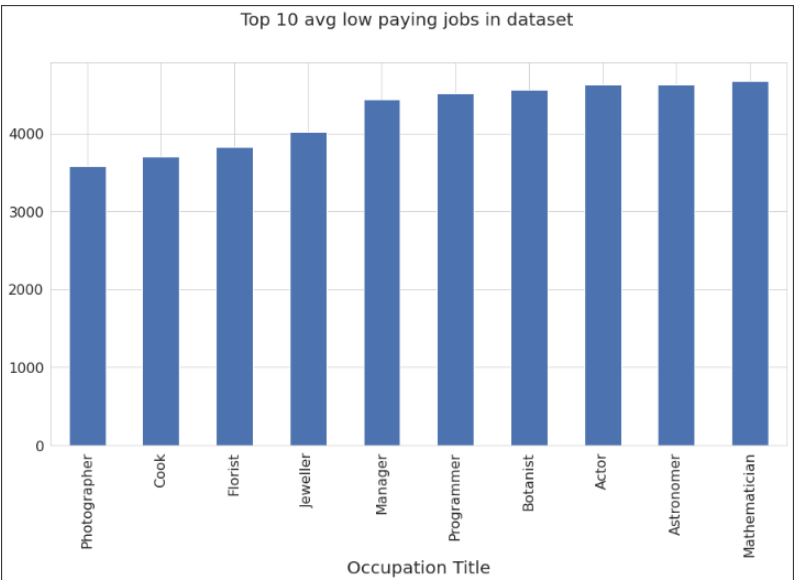
Observation 11:

It's noteworthy to note that the pay gap between men and women is significantly smaller when one's marital status is single. However, there is a distinction in how men and women get paid when their marital status is married.



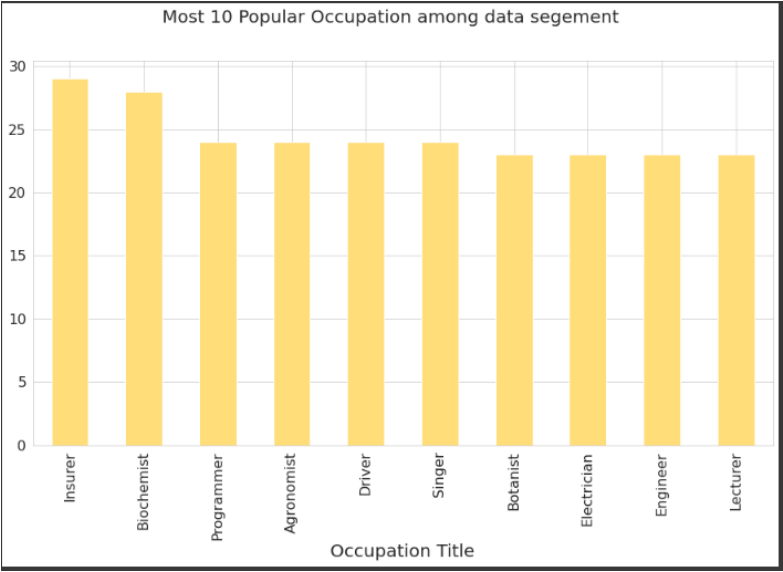
Observation 12:

With regard to average low-paying jobs, photography leads the list, followed by cook, florist, and so on.



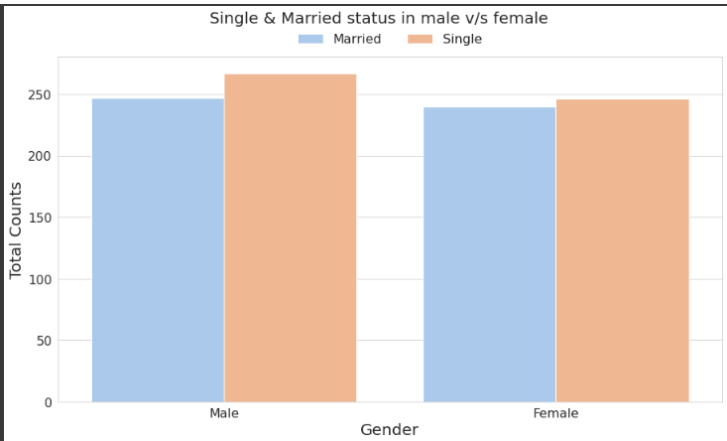
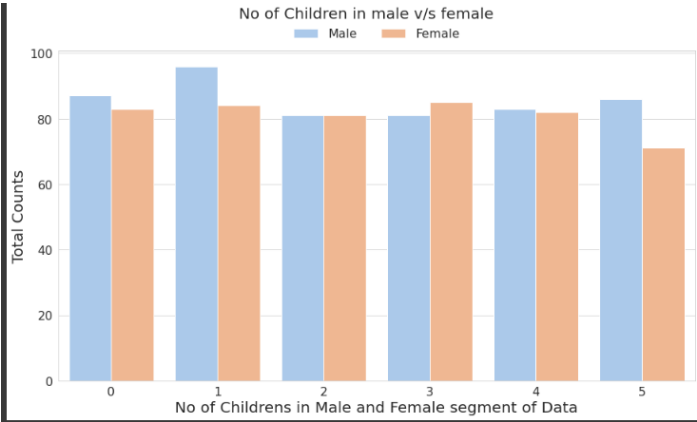
Observation 13:

It is very obvious from the study that the most common occupation in this group is insurer, followed by biochemist, programmer, agronomist, and so forth.



Observation 14 :

We can see that there is not a big difference in the number of children separated based on the data segment for men and women.



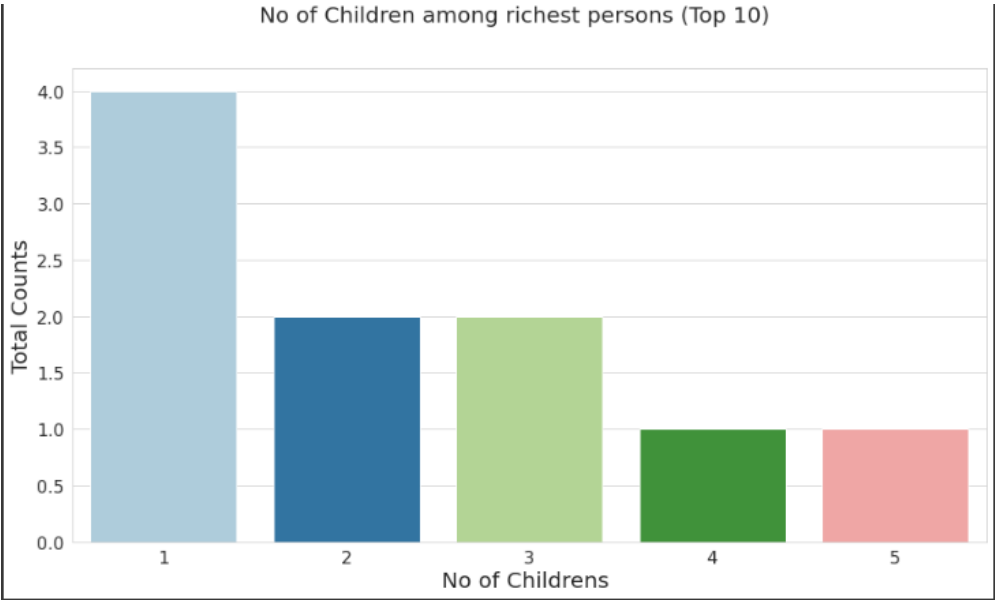
Observation 15:

The chart Below shows the top 10 earners in our data set.

	FirstName	LastName	Gender	Age	Occupation	Salary	MaritalStatus	No.ofChildren
152	Myra	Grant	Female	47	Graphic Designer	10000	Married	2
969	Reid	Scott	Male	49	Meteorologist	9999	Single	5
204	Alan	Dixon	Male	25	Programmer	9990	Married	3
920	David	Rogers	Male	45	Veterinarian	9990	Married	1
261	Maria	Crawford	Female	18	Physicist	9986	Single	1
404	Kirsten	Perry	Female	30	Meteorologist	9974	Single	3
867	Olivia	Murray	Female	37	Driver	9971	Single	1
743	Julian	Reed	Male	41	Interpreter	9971	Married	4
715	April	Turner	Female	35	Mathematician	9970	Single	2
639	Belinda	Holmes	Female	24	Pharmacist	9925	Single	1

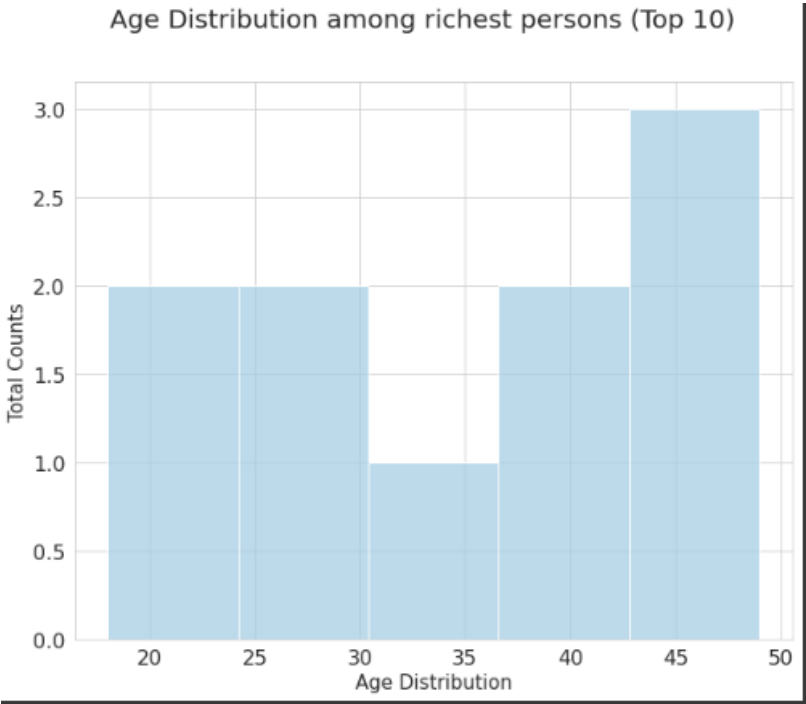
Observation 16:

In the wealthier individual, they seem to prefer fewer children. There is a huge gap between 1 and no, and as the number of children increases, the graphs tend to decrease.



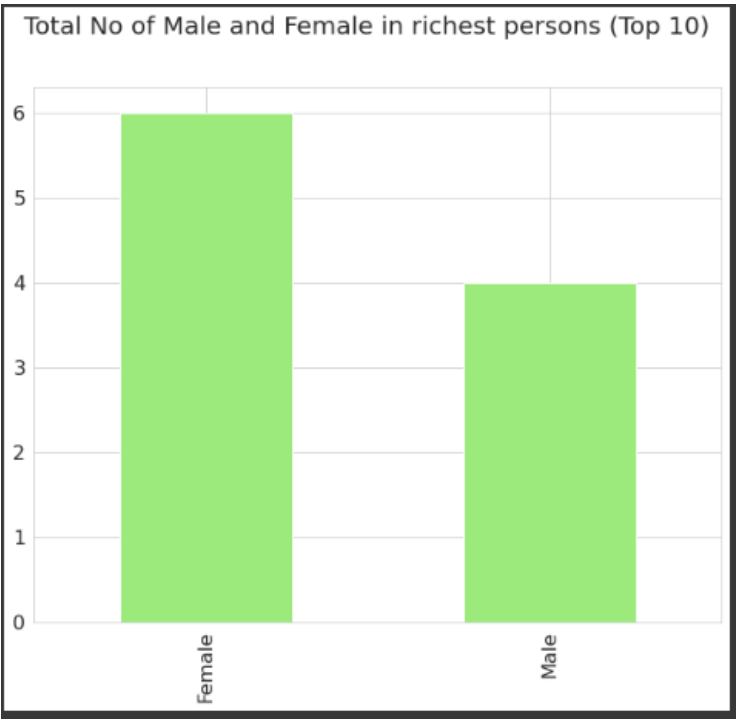
Observation 17:

Most of the individuals in the top 10 richest are over 35 years old, so obviously experience pays off in the long run.



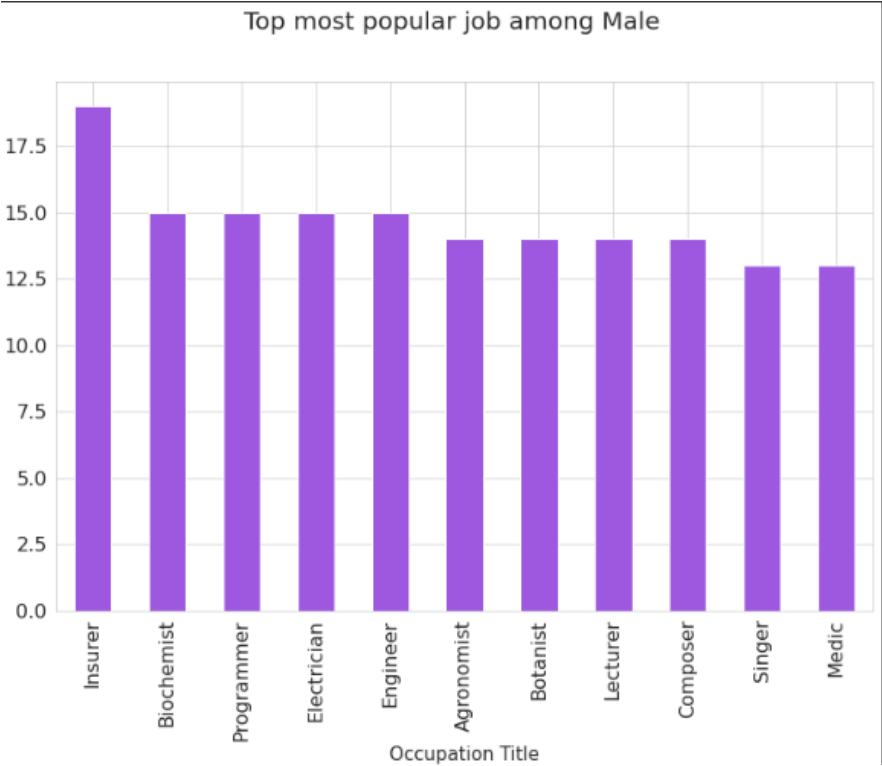
Observation 18:

Interestingly, there are more women in the list of the 10 richest people, 6 compared to men.



Observation 19:

This bar graph mirrors the chart below that reimagines the 10 most common job titles where male presence predominates in the data set, which is why it reflects inferences from chart above.



Observation 20:

Among the female segments, Social Worker is the most common title followed by Lawyer, Fine Arts Artist and so from this title it is clear that these job profiles require the following characteristics: predominantly in women than in men.

