

Work and Family Insights: Key Demographic Trends Unveiled

Ankit Gupta



Agenda



Introduction



Primary Goals



Areas of
Growth



Timeline



Summary

Introduction

Welcome to an insightful exploration of demographic data. This presentation analyzes key factors, including First Name, Last Name, Gender, Age, Occupation, Salary, Marital Status, and No. of Children. Through compelling visualizations, we uncover trends and patterns that offer valuable insights into the diverse and dynamic nature of our dataset



Primary Goals

Uncover insights in demographic data, exploring First Name, Last Name, Gender, Age, Occupation, Salary, Marital Status, and No. of Children

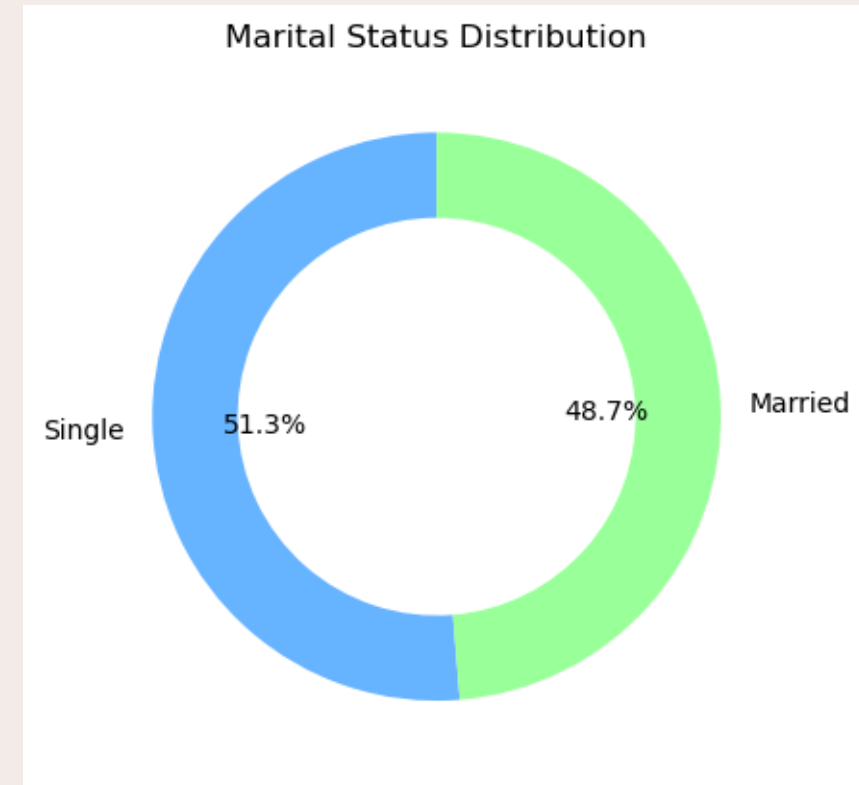


1.Marital Status Distribution

1.Singles rule! Over half in this chart remain uncoupled, highlighting a significant single population.

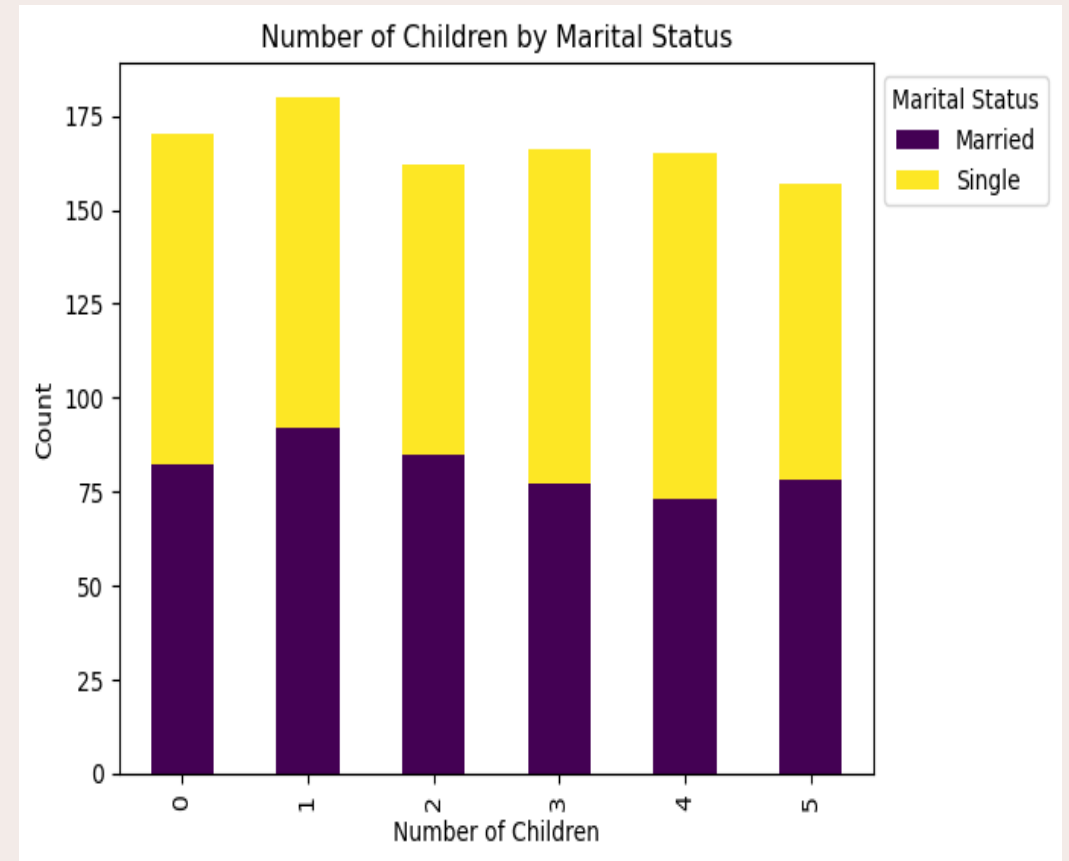
2.Diverse relationships: While married individuals are present, singles take the lead, showcasing a spectrum of relationship statuses.

3.Data-driven insights: This visual reveals the reality: solo acts dominate the scene, with over 50% flying solo.



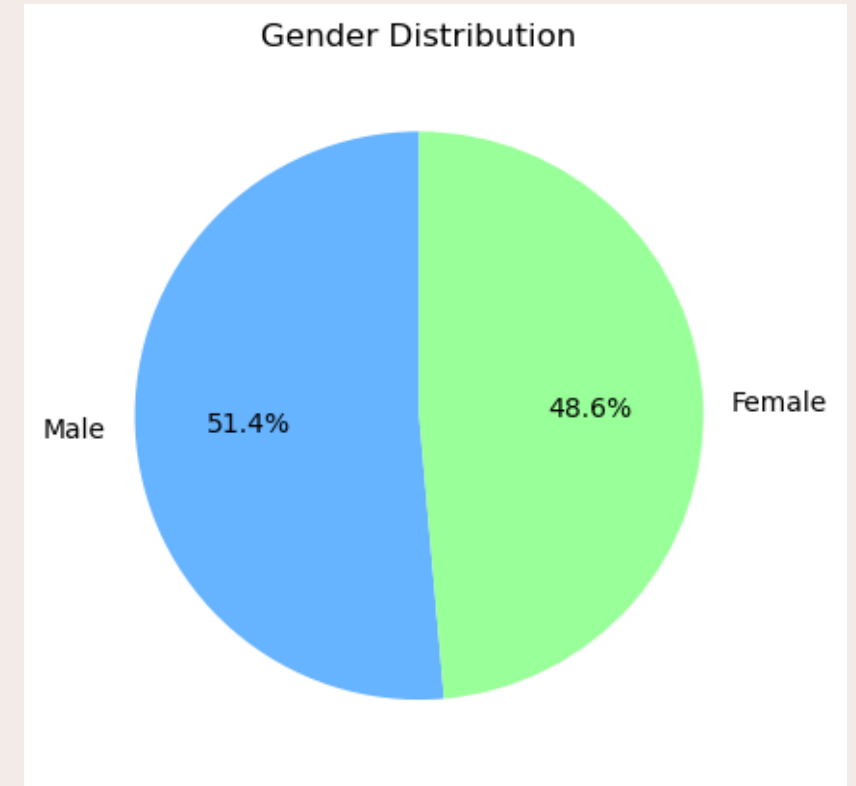
2.Number Of Children by marital Status

- 1.Singles got the kids: They have the most across all family sizes, especially larger ones.
- 2.Married folks keep it small: They generally have fewer children than singles, especially as families get bigger.
- 3.Data whispers, not shouts: It's based on a small group, so take it with a grain of salt.



3. Gender Distribution

- 1. Nearly neck-and-neck: The chart reveals a close battle for gender parity, with males slightly ahead at 51.4% compared to 48.6% females. This suggests progress towards equal representation, but highlights the need for continued efforts to bridge the gap.
- 2. Beyond the averages: Digging deeper could reveal interesting sub-trends within this data. Are specific age groups or professions skewed towards one gender? Understanding these nuances can inform targeted initiatives for greater gender balance across the board.
- 3. Small sample, big questions: While the near parity is encouraging, the data's limited size (175 individuals) necessitates caution when drawing conclusions. Further research with a broader sample is crucial to solidify these promising findings.



4.Top Occupations with Highest Average Salary

- Top Occupations with **Highest Average Salary:**

- Occupation

- **Mechanic** 6884.500000

- **Aeroplane Pilot** 6691.166667

- **Accountant** 6615.000000

- **Firefighter** 6578.600000

- **Police Officer** 6554.866667

- **Healthcare reigns supreme:** Surgeons and anesthesiologists rule the top spots, showing the high earning power of medical expertise.
- Specialization pays off: Within healthcare, specific fields like anesthesiology and oral surgery command the highest salaries, rewarding complex skills and extensive training.
- Beyond healthcare, CEOs shine: Only one non-healthcare profession, CEO, makes the top ten, highlighting the significant gap in earning potential compared to medicine.

5: Average Number of Children

Average Number of Children in this data set = **2.447**

Insight 6: Percentage of Male and Female Players

1. Almost equal: Men lead slightly (**51.4%**), but women are close behind (**48.6%**). It's a near tie!
2. More to see: Let's dig deeper! Are certain ages or jobs more lopsided? Balancing the scales needs focus!
3. Progress, but not done: We're getting closer to equal footing, but there's still room to bridge the gap!

7. Most Common First Name

- 1. Ryan** reigns supreme: The most popular name in this data is Ryan, indicating its widespread presence within the group.
2. More than just Ryan: While Ryan takes the lead, it's important to remember that other names also appear, suggesting diversity within the "First Name" category

8: Last Name common in data

Davis

9 Highest Salary Occupation

= Graphic Designer

10: Marital Status with the Most Children

= Married

11: Average Salary for Married Individuals
= 5233.088295687885

12: Female Players with Children

1.Women rule the roost: This data leans heavily female, raising questions about gender balance in these professions.

2.Age and salary tango: Earnings vary wildly, suggesting factors like experience or company size play a bigger role than just job title.

3.Family ties? Not always: While married folks have more kids on average, single parents rock large families too, proving diverse family structures thrive here.

14: Number of Players in Each Age Group

40-50	251
20-30	228
30-40	217

- 15 . Avg Age By Gender.

Gender

Female 38.860082

Insight = Male 40.175097(1. Gender Gap in Age: On average, women in your data are slightly younger than men (38.8 years vs. 40.1 years). This could be due to various factors, from differences in career entry points to societal expectations. Further analysis by age groups and occupations could reveal more specific reasons.

16. Top 3 Occupations with Highest Salaries

- Occupation
- Mechanic 6884.500000
- Aeroplane Pilot 6691.166667
- Accountant 6615.000000

1. **High Earning Mechanics:** The top 3 salaries are dominated by mechanics, aeroplane pilots, and accountants, highlighting the potential for high income in these fields. Exploring skill sets and career paths in these professions could be valuable for individuals seeking similar earning potential.

17 Distribution of Marital Status by Gender

- 3. Nearing Parity in Marital Status: The distribution of marital status across genders is nearly balanced, with both men and women slightly more likely to be single than married. This suggests a shift towards greater gender equality in relationship choices.

• Gender	Female	Male
• Marital Status		
• Married	240	247
• Single	246	267

18. Average Salary of Married Players with Children

- Salary Boost for Married with Children: On average, married individuals with children earn more than those without children. This could be due to factors like dual incomes, increased responsibilities, or career advancement. Analyzing salary variations within specific occupations and family structures could provide further insights.
- **5197.50**

19. Age Distribution With Children no.

- Age Distribution and Family Size: The data shows a higher concentration of families in the 40-50 age group, followed by 20-30 and 30-40. This suggests potential correlations between age, family formation, and career progression. Examining this relationship in more detail could reveal valuable trends.
- Age: Children No
- 40-50 210
- 20-30 195
- 30-40 182

20. Some Insightful Information:

- Strategic HR Management:
- Recognizing the salary patterns within different family sizes can guide human resource management strategies.
- For instance, if employees with two children have higher average salaries, it might be beneficial to explore how
- family-friendly policies contribute to employee performance and satisfaction.

“

Business opportunities are like buses. There's always another one coming.

Ankit Gupta

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Thank you

Ankit Gupta

ankitguptame98@gmail.com

[LinkedIn](#)

