LinkedIn DATA ANALYTICS SURVEY 2022

PAGE 1-Insights

Average Salary by Industry: Healthcare leads with 64.4K. Other high-paying: Finance, Real Estate, and Education. Lowest-paid: Telecommunication (40.4K)

Happinees Scores: Overall Happiness: 5.26. Highest-rated dimensions: Coworkers (5.86) and Work/Life Balance (5.75) Lowest-rated dimension: Salary (4.27)

Country Breakdown: Top 5 happiest countries: Vietnam – 8.17 (Avg. Age: 24) Chile – 7.75 Iraq – 7.67 Serbia – 7.67 Finland – 7.17

Next Page

PAGE 2-Insights

Gender Distribution: The data suggests that the field is male-dominated, with 74.29% male and only 25.71% female representation.

Difficulty of Breaking into Data Analytics: The majority of respondents (269 individuals) found entering the industry to be neither easy nor difficult, suggesting a moderate entry barrier.

Switched Careers (Y/N):A significant portion—59.05%—of professionals switched careers to transition into data analytics, highlighting the field's accessibility for non-traditional backgrounds.

Highest Level of Education: Most professionals hold a bachelor's degree (329 respondents), indicating that advanced degrees are not strictly necessary for employment in the industry.

Data Professional Distribution by Industries: The largest group of professionals work in "Other" industries (205), followed by Tech (150), Finance (97), and Healthcare (84), showing the wide applicability of data analytics across sectors.

PAGE 3-Insights

Why People Change Jobs Better Salary is the top reason (297 respondents).Remote Work (127), Work/Life Balance (117). Culture and "Other" reasons are much less significant.

Programming Language Preferences Python dominates (420 total mentions), especially among the title of Data Analysts (255) R and JavaScript are also used but to a much lesser extent. C/C++, Java, and "Other" languages have niche use.

Salary vs. Happiness Data Scientists earn the most (87.16K) and report the highest salary happiness (6/10). Students/Looking/None earn the least (26.6K) with the lowest happiness (3/10). Database Developers have both low pay (33.2K) and low happiness (4/10). There's a positive correlation between salary and happiness, but not perfectly linear.

Title-Based Salaries Top average salaries: Data Scientist: 87K Data Architect: 64K Data Engineer: 61K Lowest: Student/Looking/None: 27K As the data shows, Data Scientists earn the highest average salary among all data professionals.

Next Page

Data Analytics Survey 2025

53.52K	630	29.87	137.05
Average Salary	Number of Participants	Average of Age	Time Spent(Seconds)

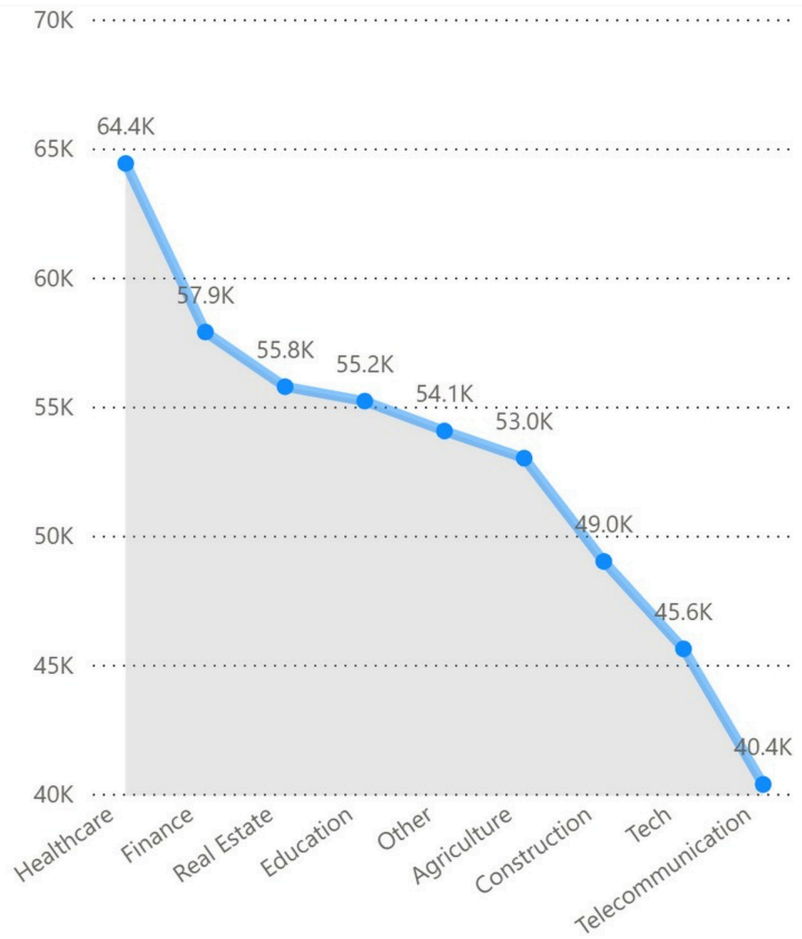
Gender: All

Ethnicity: All

Title: All

Education: All

Average Salary by Industry



Overall Average Happiness

Work/Life Balance

Salary

Management

Learning New Things

Coworkers

Upward Mobility

Countries by Average Scores

Country	Average Satisfaction	Average Age
Vietnam	8.17	24.00
Chile	7.75	34.00
Iraq	7.67	26.00
Serbia	7.67	32.00
Finland	7.17	29.00
Uruguay	7.17	33.00
Denmark	7.17	30.50
Mexico	6.89	27.67
Greece	6.88	35.75
Costa Rica	6.85	28.63
Colombia	6.75	28.75
Philippines	6.75	25.00
Uzbekistan	6.67	22.00
Belgium	6.67	28.00
Tunisia	6.50	32.00
Singapore	6.39	35.33
Japan	6.00	27.50
Thailand	6.00	25.00
UAE	6.00	31.00
Germany	5.94	30.36
Poland	5.89	30.17
Total	5.26	29.87

Next Page

Next Page

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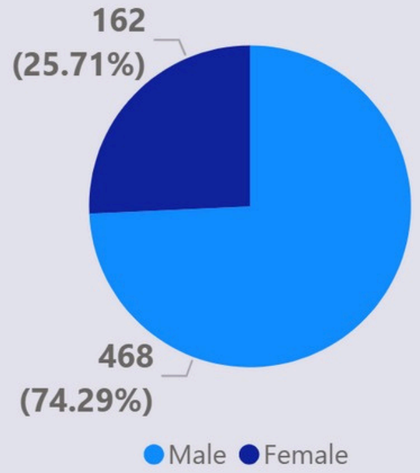
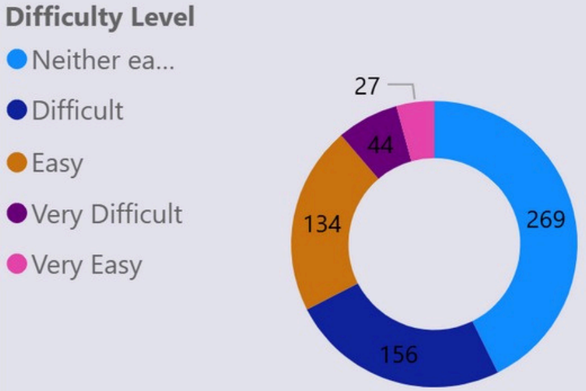
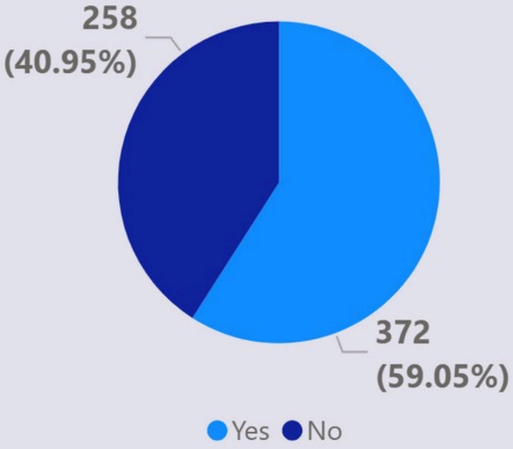
Gender Distribution of Participants



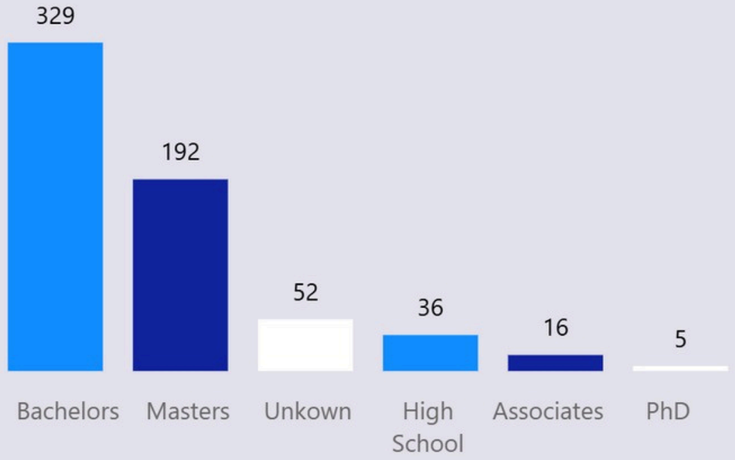
Difficulty of Breaking into Data Analytics



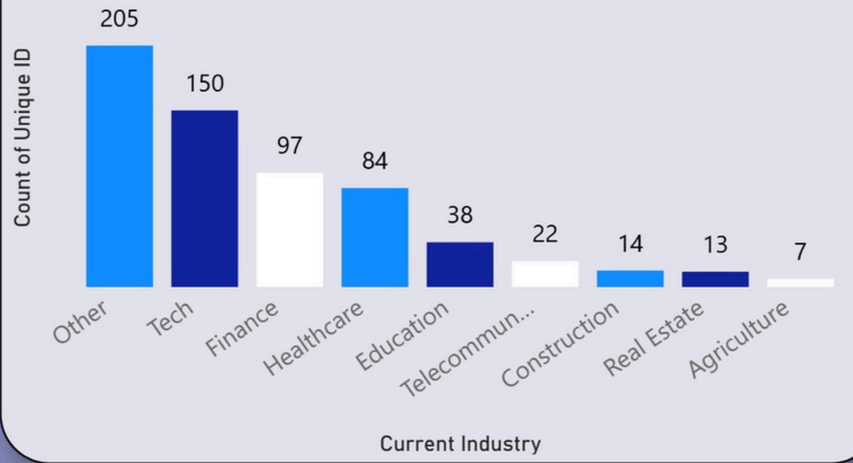
Switched Careers(Y/N))



Highest Level of Education



Data Professional Distribution by Industries



Next Page

Previous Page

Next Page

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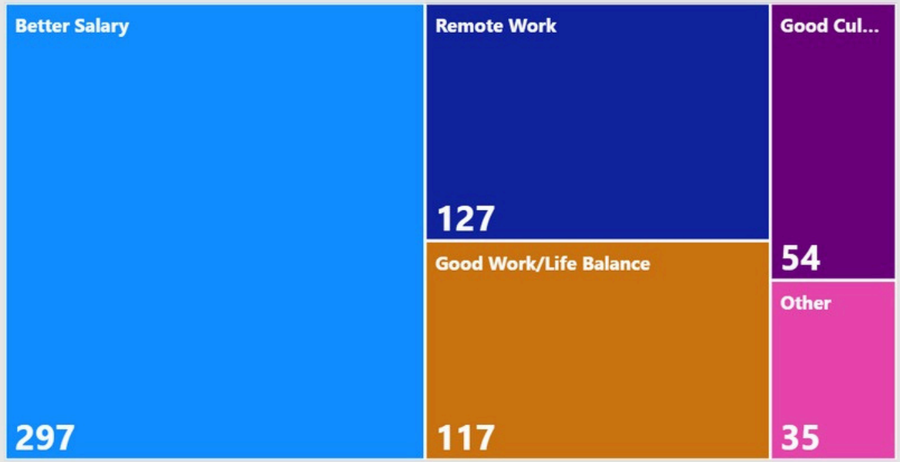
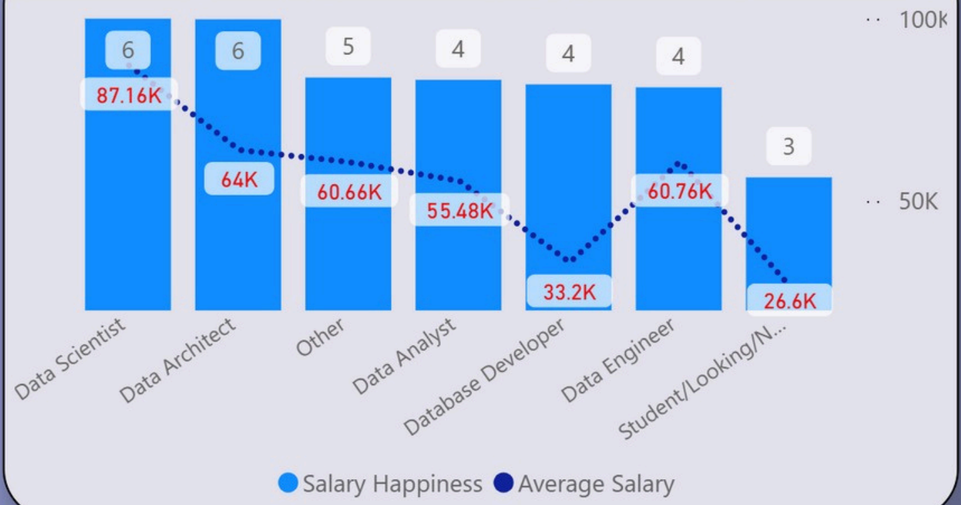
Reason for Moving to New Work



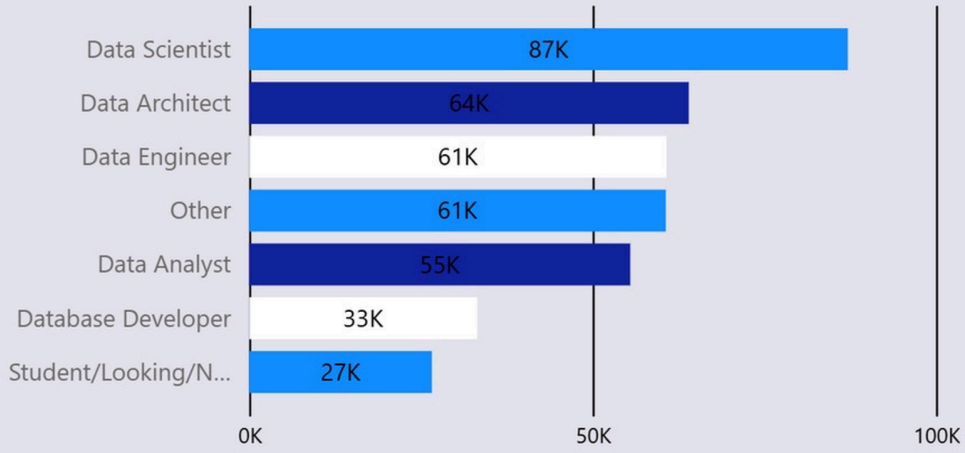
Favorite Programming Language by Title

Currrent Title	C/C++	Java	JavaScript	Other	Python	R
Data Analyst	5			60	255	61
Data Architect					3	
Data Engineer			2	5	29	2
Data Scientist				1	20	4
Database Developer				2	3	
Other	2	1	2	14	54	15
Student/Looking/None			2	13	56	19
Total	**7**	**1**	**6**	**95**	**420**	**101**

Average Salary and Salary Happiness Comparison



Average Salary by Title



Previous Page

Challenges&TakeAways during Analysis

Many user-submitted entries required standardization. However, performing thesedata cleaning steps within Power BI posed significant challenges, particularly due to its limited capabilities for large-scale text normalization. In future projects, I would likely use SQL for data cleaning to streamline the process and improve efficiency.

For instance, salary ranges had to be converted into discrete numeric values to enable the use of DAX formulas in visualizations. Having precise numerical data instead of ranges is far more beneficial for efficient and accurate data analysis.

The dataset is relatively small, which highlighted the importance of working with larger, more balanced datasets. I also realized how data imbalance can easily lead to misleading insights. For instance, Vietnam ranked as the top country in overall happiness—but this was based on just one respondent, making the result statistically unreliable.

Conclusion & Recommendations

Success in data analytics isn't defined solely by technical ability — career satisfaction stems from culture, balance, and opportunity for growth. To thrive, professionals (or those entering the field) should:

1. Develop Python proficiency(It is the most commonly used tool)
2. Target roles that offer meaningful, high-impact work (Data Scientist's average salary and salary happinnes is more than DataBase Developer)
3. Prioritize companies with strong work culture and flexibility (Highest-rated dimensions: Coworkers (5.86) and Work/Life Balance (5.75))
4. Leverage non-traditional backgrounds — it's a strength, not a barrierr(A majority of professionals didn't start in data analytics — they came from other fields.Formal education beyond a bachelor's isn't required in most cases.

Next Page