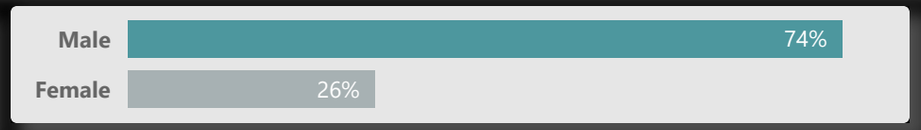
Professional Survey | Overview

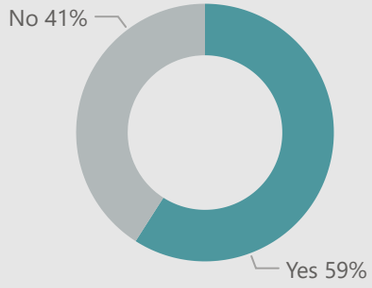
Survey Overview | Salary | Career Switch | Job Satisfaction

Total Respondents
630

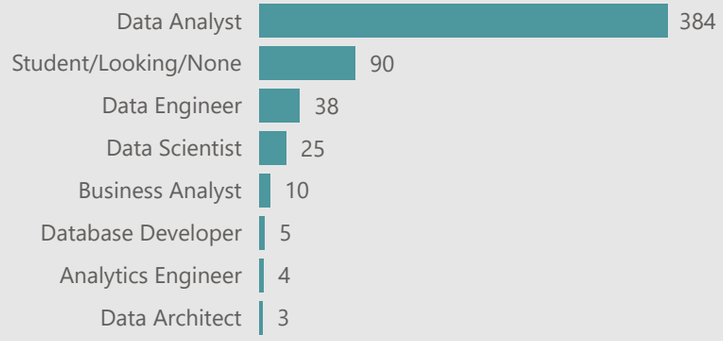
Average Earning
54K



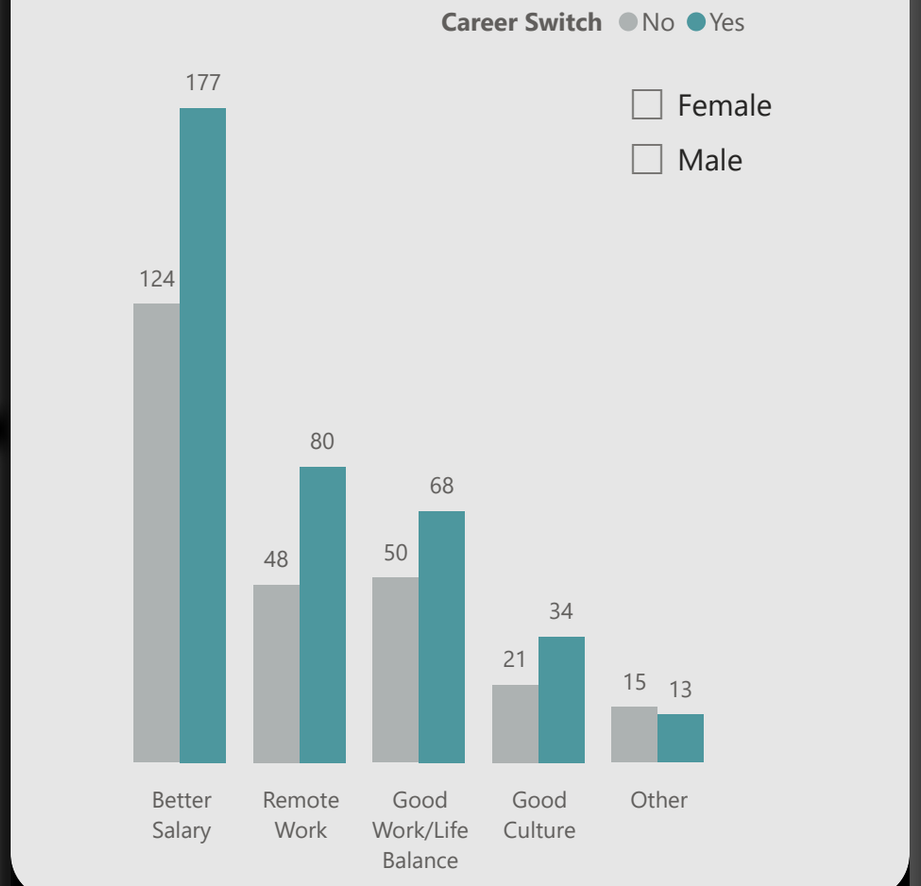
Switched Career?



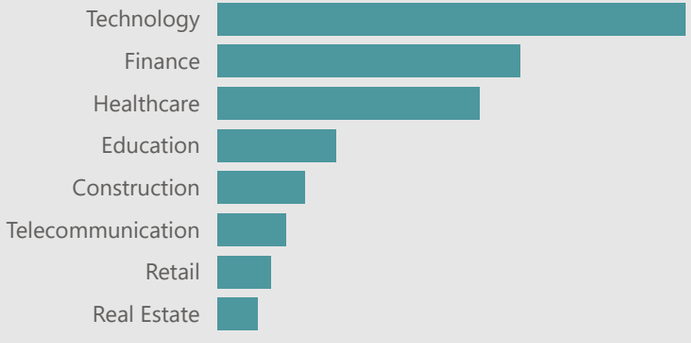
Job Distribution



Career Change Influencers



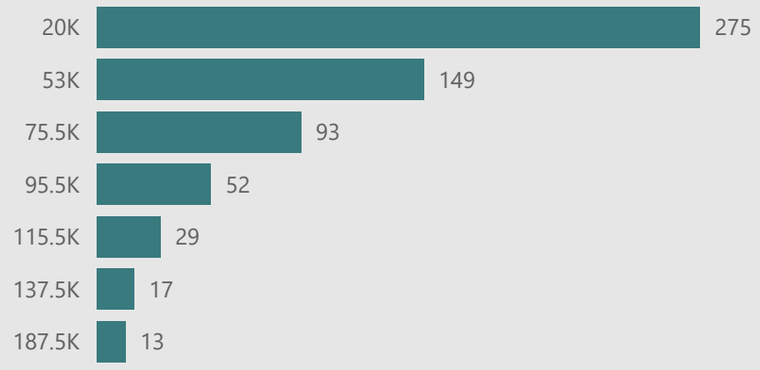
Leading Industry



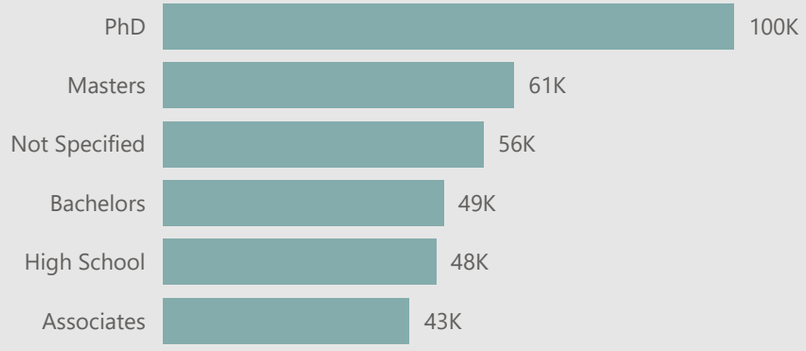
Professional Survey | Overview

Total Salary	Highest Salary	Average Male Salary	Average Female Salary	Salary Gap
34M	225K	53K	55K	-2K

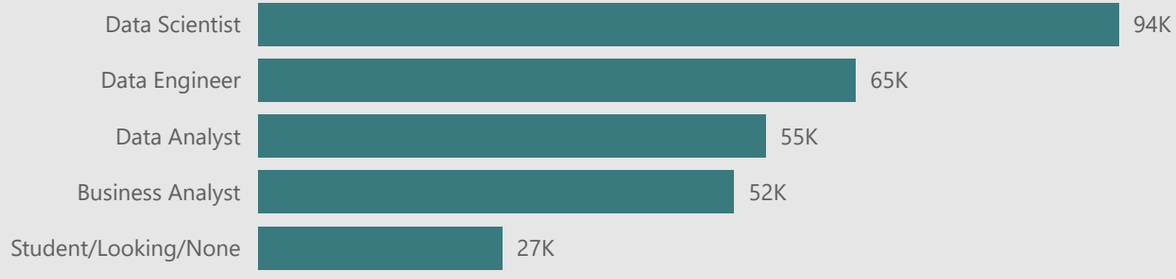
Salary Distribution Among Respondents



How Does Educational Qualification Impact Salary



Average Salary for Each Job Role



Job Title
All

Education Level
All

Country
All

Age Group
All

Career Switch
All

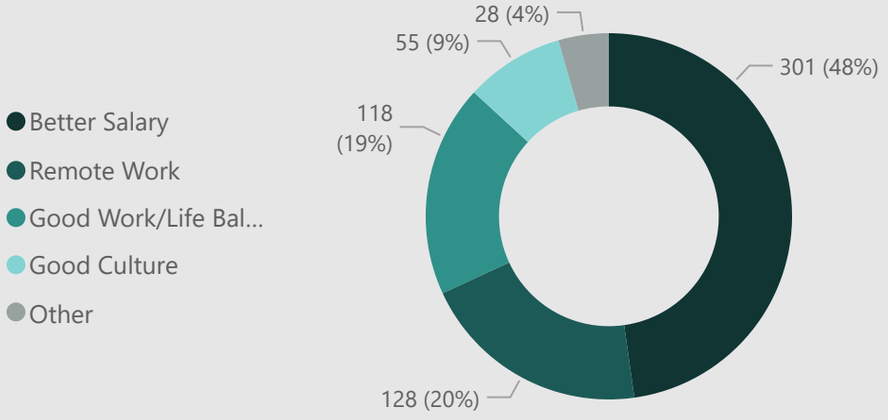
Professional Survey | Overview

No. 1 Reason for Switch
Better Salary

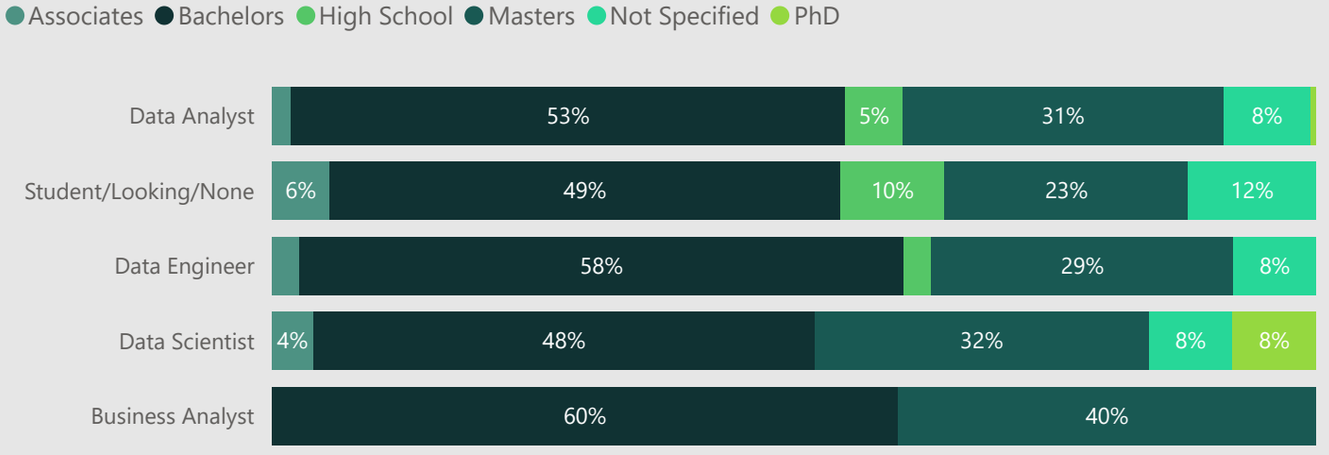
Career Switch Rate
59%

Gender: All | Country: All | Age Group: All

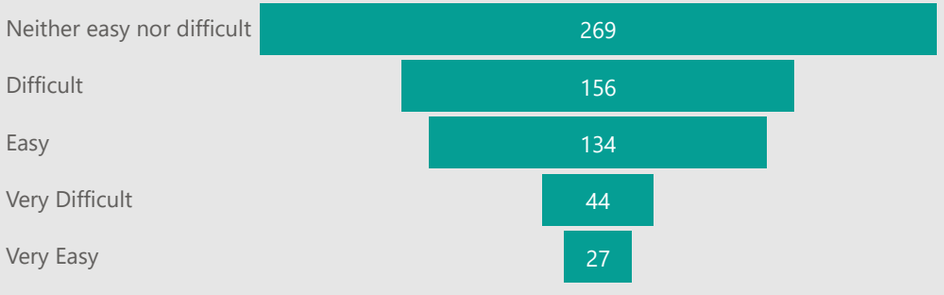
Job Search Priority



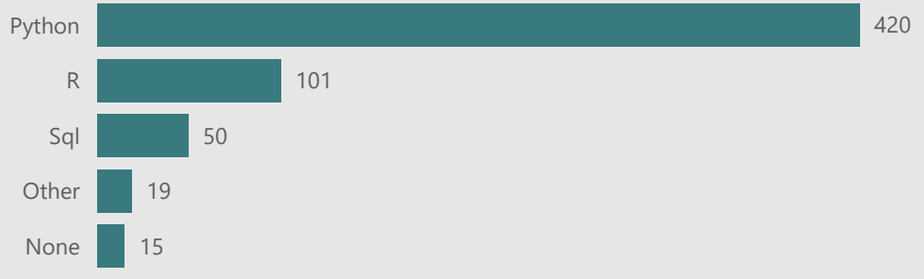
Job Distribution by Education Level



Transition Difficulty



What Tool is used the most?



Professional Survey | Overview

Survey Overview | Salary | Career Switch | Job Satisfaction

Satisfaction Index **5.2**

Highest Rating (Coworkers) **5.9**

Job Title: All

Education Le...: All

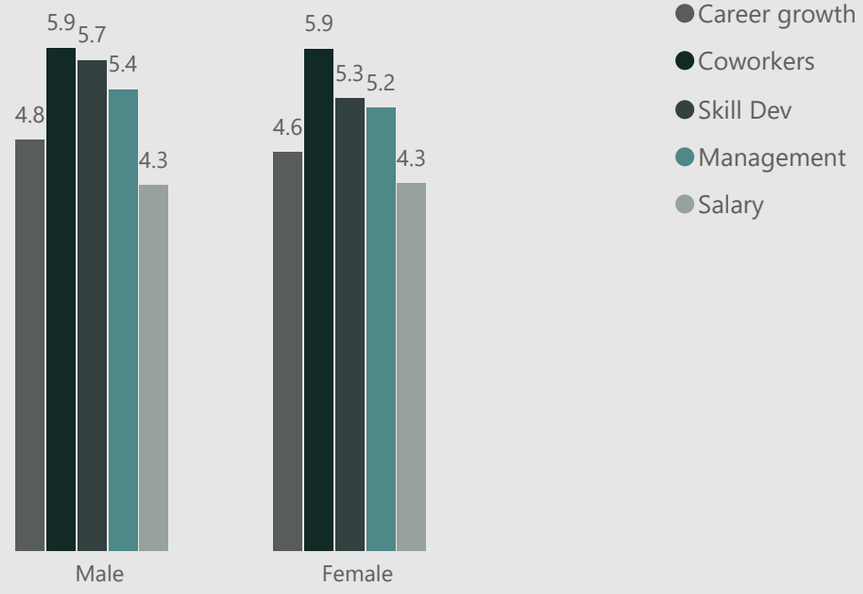
Country: All

AgeGroup: All

Career Switch: All

Top 7 Most Satisfying Jobs

Genderwise Job Satisfaction Rating



What Drives Job Satisfaction

📋 Capstone Summary Report: Professional Data Survey Dashboard

This capstone project explores insights from a comprehensive Professional Data Survey, visualized through an interactive, multi-page Power BI dashboard. The dataset includes responses from individuals across various job roles, industries, education levels, and demographics—providing a rich view into the modern workforce. The goal of the project is to uncover patterns in career transitions, skill demand, income distribution, job satisfaction, and retention intentions.

🔍 Major Insights & Trends Discovered

1. **The Shape of the Data Workforce**
   - Data Analysts dominate the field, representing over 70% of respondents.
   - A significant number of professionals are career switchers — over 59% transitioned into data-related roles from other fields.
2. **Earnings Trends**
   - Education strongly correlates with salary: PhD holders earn an average of $124,700, while high school graduates earn below $50,000.
   - The top-paying role is *Account Manager*, and the highest reported salary reached $225,000+.
   - Despite expectations, female respondents earned slightly more on average than males, producing a negative salary gap.
3. **Skill Demand & Career Entry**
   - Python is the most preferred language by a wide margin.
   - Tech, Finance, and Healthcare are the top industries absorbing data professionals.
   - Over 30% found entering the field difficult, with females reporting higher difficulty levels than males.
   - The most prioritized job search factors are: Better salary (50%), Remote work (21%), and Work/life balance (20%)
4. **Satisfaction & Retention Signals**
   - Satisfaction is highest among Data Scientists and lowest among students or those seeking jobs.
   - Career switchers are generally more satisfied than those who remained in their original field.
   - 76% of respondents may consider switching jobs, with salary, growth, and remote work as major drivers.
   - Satisfaction levels vary by gender, role, and country — with notable dissatisfaction reported in Nigeria and Spain among certain roles.

🛠️ Key Data Cleaning & Transformation Decisions

*** Renaming Ambiguous Columns:** Long survey questions were renamed for clarity (e.g., Q6 - How Happy... → Satisfaction_Salary, etc.).
**** Grouped Satisfaction Metrics:** Six individual satisfaction columns were averaged to create an Overall Satisfaction Index.
***** Binned Age and Salary:** Created readable AgeGroup and SalaryBand categories to support histogram and trend visuals.
****** Mapped Entry Difficulty:** Cleaned and recoded responses into ordered categories: *Very Easy → Very Difficult*.
******* Handled Missing Values:** Null entries in key fields (like education and satisfaction) were either excluded or marked as "Not Disclosed" to maintain integrity.

👥 Insights Most Relevant to Stakeholders

For HR Professionals & Recruiters:
- High career switch rate signals a growing openness to non-traditional candidates.
- Focus retention strategies on salary transparency, growth opportunities, and flexible work — the top priorities driving intent to leave.

For Business Leaders:
- Satisfaction drives retention — especially among career switchers. Investing in employee development and upward mobility can reduce churn.
- High-paying roles are not always the most satisfied; understanding role-based satisfaction can inform job redesign.

For Career Advisors & Educators:
- Data shows that higher education still significantly impacts salary, though exceptions exist.
- Students struggle with job satisfaction; targeted career readiness programs could bridge this gap.
- Teaching in-demand skills like Python and highlighting entry pathways can make transitions smoother for future professionals.