

The State of the Data Professional

A comprehensive profile of the modern workforce
based on 630 industry survey responses.

A Snapshot of 630 Global Professionals

The data represents a relatively young workforce, with the average professional age sitting just under 30 years old. This establishes the demographic as early-to-mid career, influencing the subsequent insights regarding salary and role composition.

630

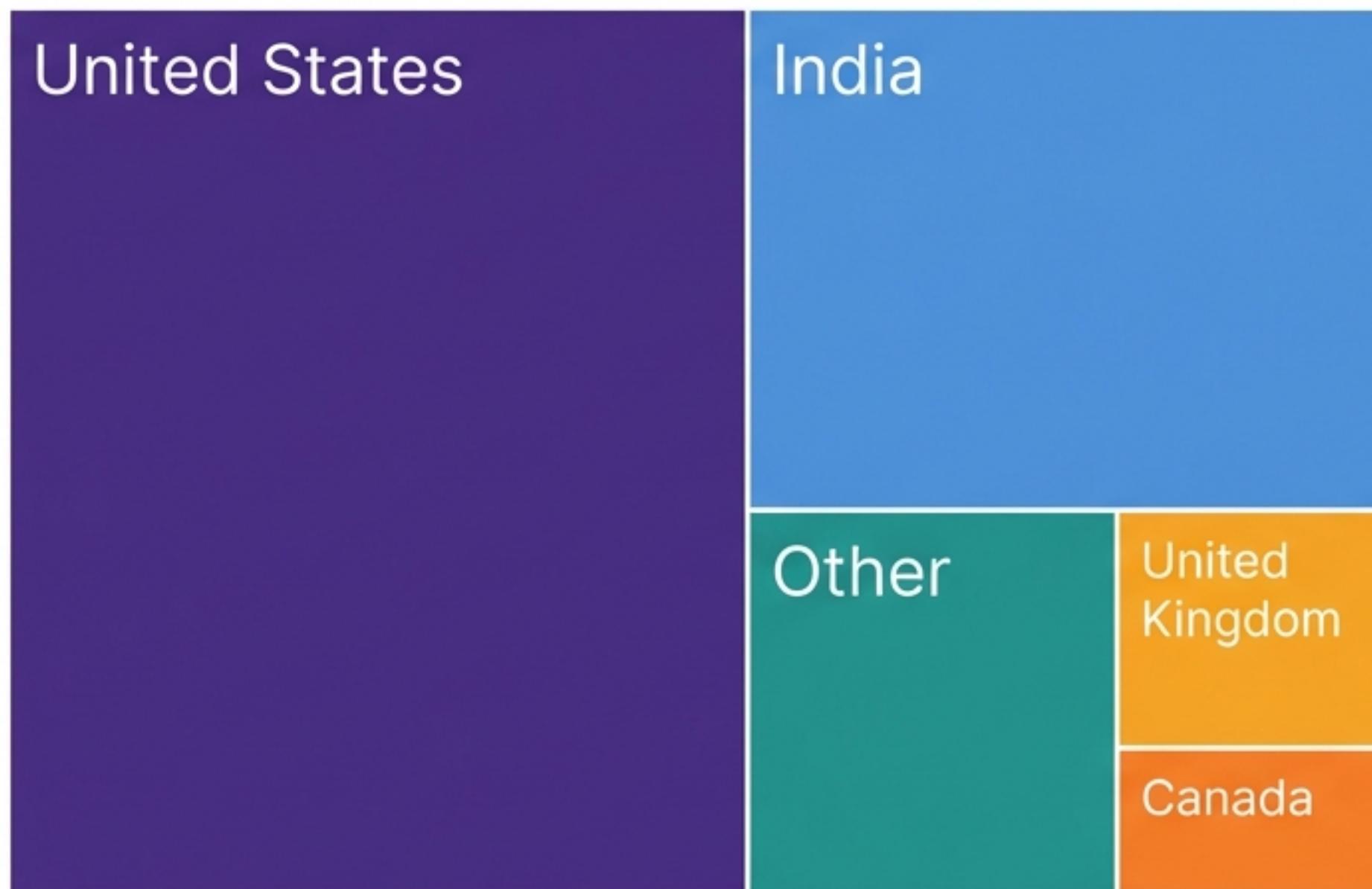
Survey Respondents

29.87

Average Age

A Workforce Defined by Analysts in the US and India

Country of Survey Takers



Job Roles

Data Analyst

Data Scientist

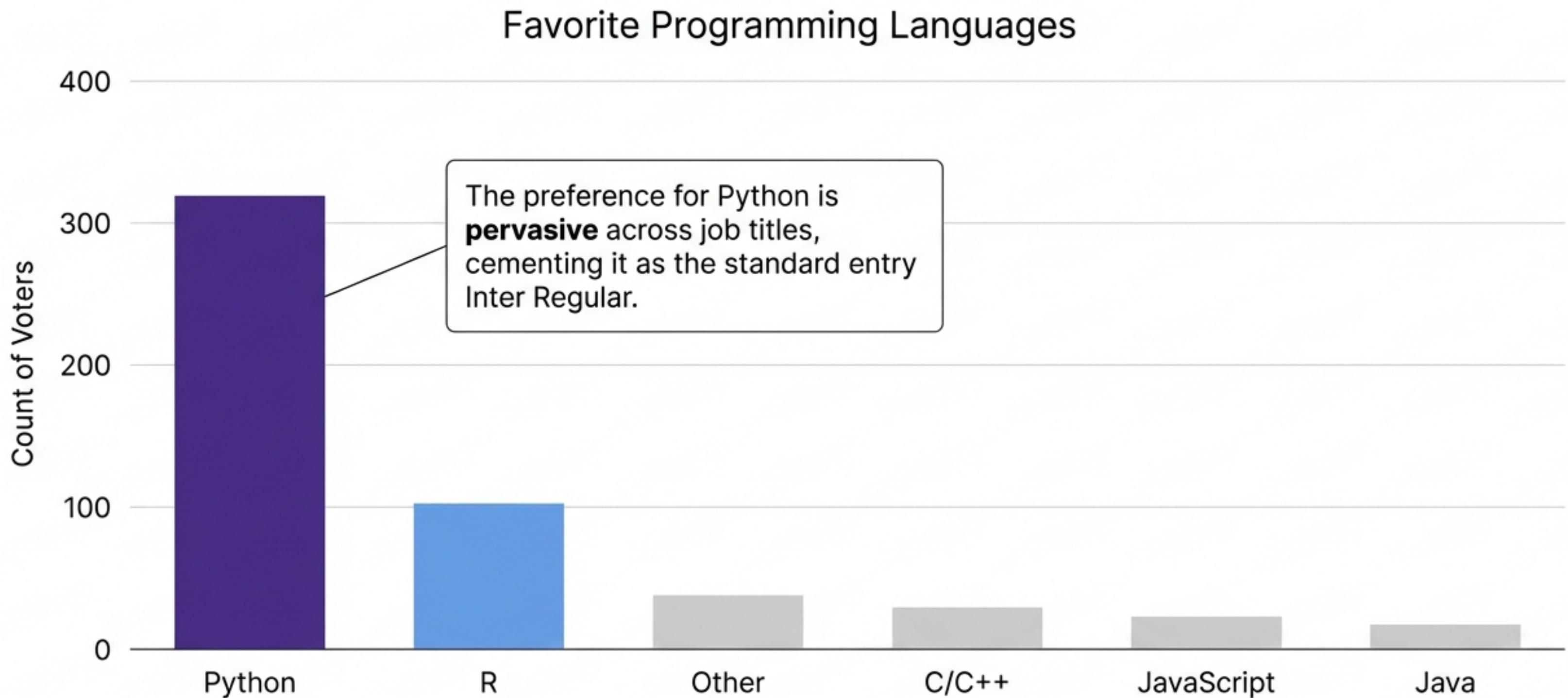
Data Engineer

Data Architect

Database Developer

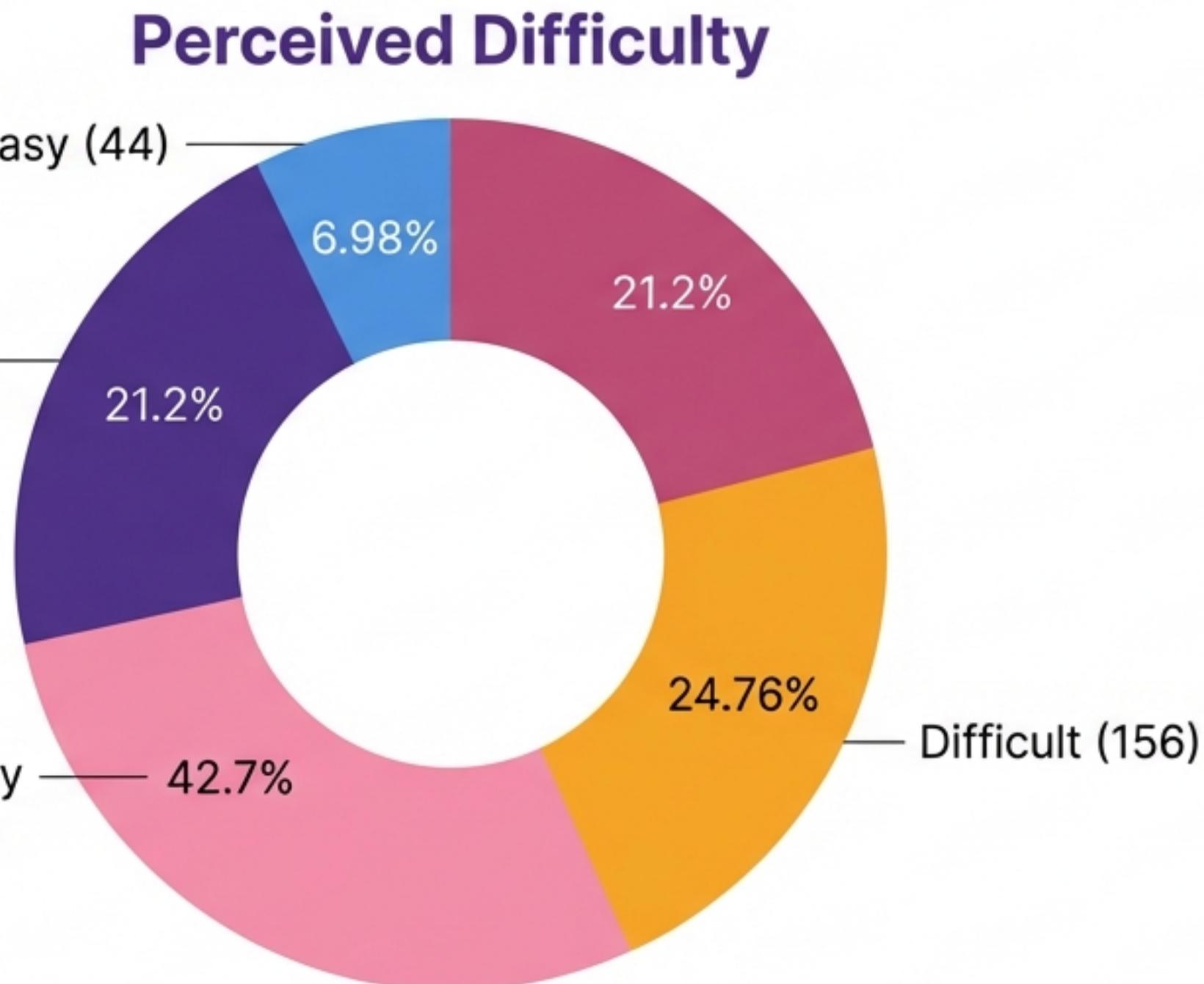
Insight: The industry landscape in this survey is not evenly distributed; it is heavily weighted toward Data Analysts operating primarily in American and Indian markets.

Python Has Won the Popularity Contest



Entry Barriers Are Perceived as Moderate

Perceived Difficulty of Entering Data Roles

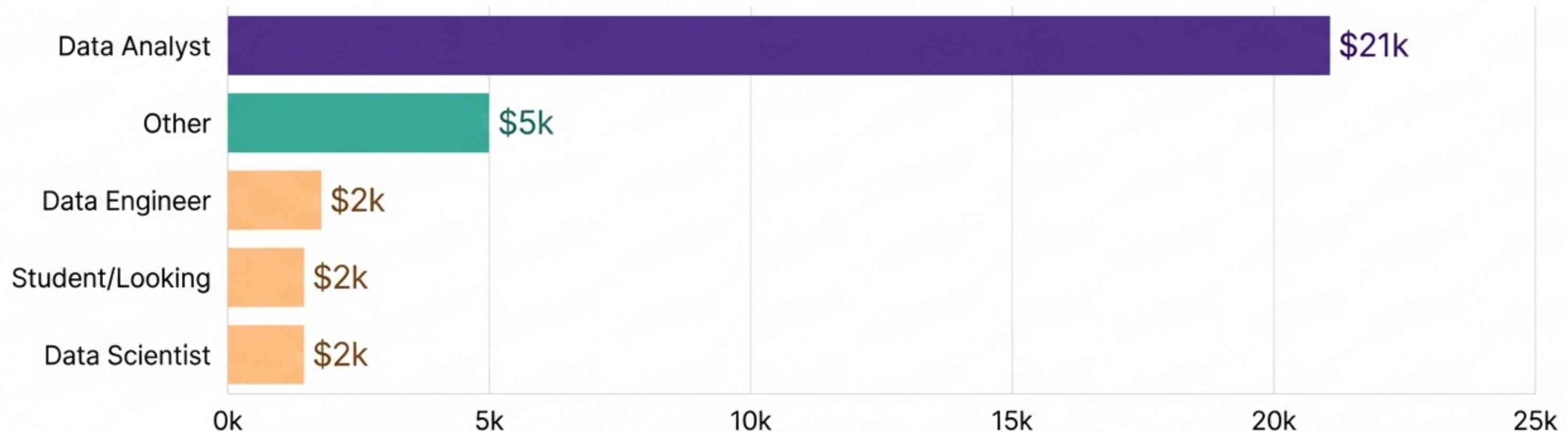


Insight

Despite technical requirements, the majority of the workforce describes the entry process as neutral rather than prohibitive, debunking the myth that the field is exclusively for the elite.

Compensation Averages Favor the Analyst Role

Average Salary by Job Title



Contextual Note

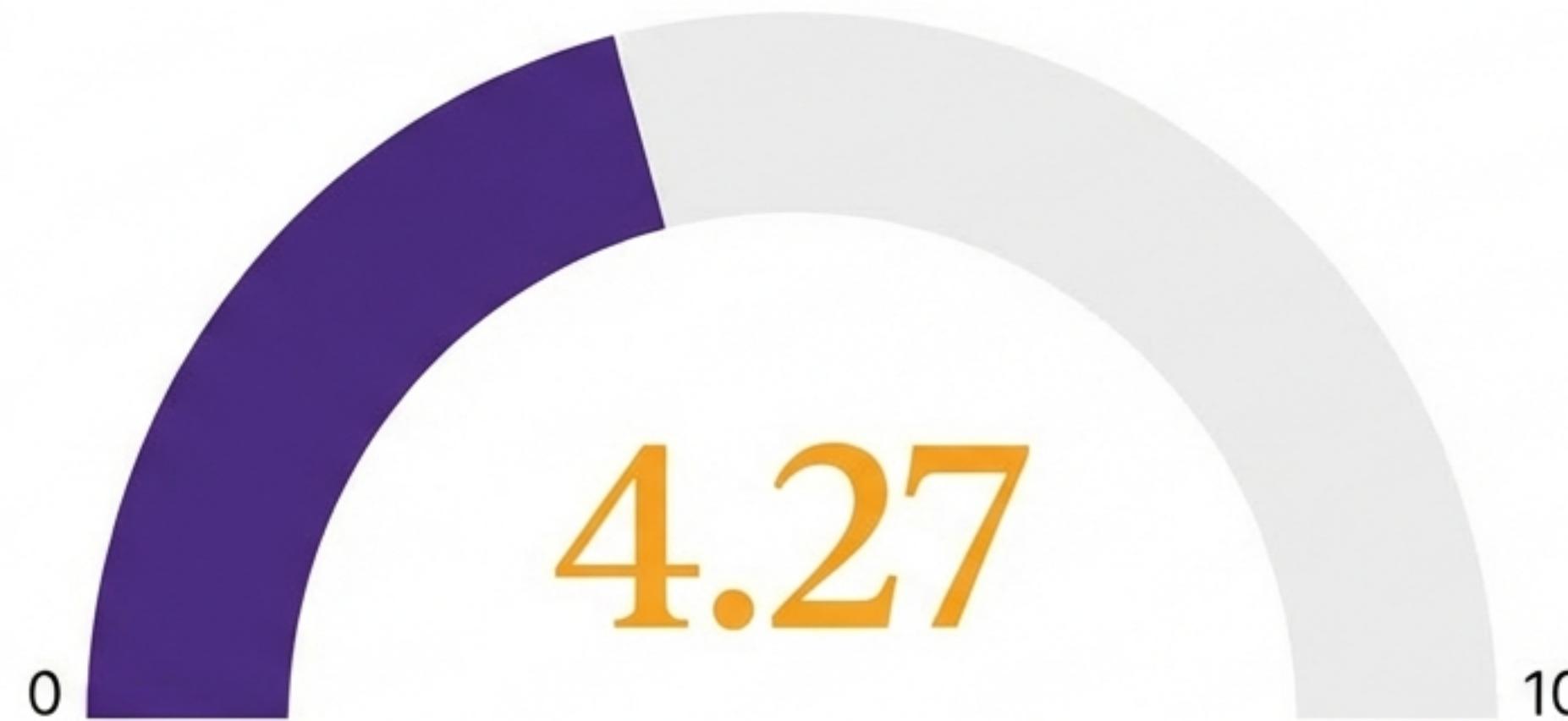
Note: The dataset shows a significant skew where Data Analysts report a \$21k average, vastly outperforming the reported averages for Scientists and Engineers in this specific survey pool. This suggests the sample may be heavily weighted toward entry-level positions or specific global regions for the non-analyst roles.

Work/Life Balance is Mediocre



On a scale of 0 to 10, data professionals rate their satisfaction with work/life balance at a modest 5.74. This indicates a workforce that is managing, but not thriving, in terms of personal time and professional boundaries.

Satisfaction with Salary is Low



Satisfaction drops significantly when the conversation turns to compensation. With a score score of just 4.27, "Happiness with Salary" is the lowest-rated metric in the entire dashboard. Regardless of actual earnings, the sentiment reveals a workforce that feels undervalued.

Profile of the Average Respondent



The typical data professional in this cohort is a young, Python-literate Analyst who found the industry accessible but remains unsatisfied with their financial compensation.

The Reality of the Data Career

The data reveals a clear disconnect. We see a young, technically capable workforce (Python-dominant) that enters the field with relative ease. However, the low satisfaction scores regarding salary (**4.27**) and average work/life balance (**5.74**) suggest that the “hype” of the data industry does not always translate to immediate employee fulfillment.

As the industry matures, bridging the gap between entry-level accessibility and long-term compensation satisfaction will be critical for retention.