

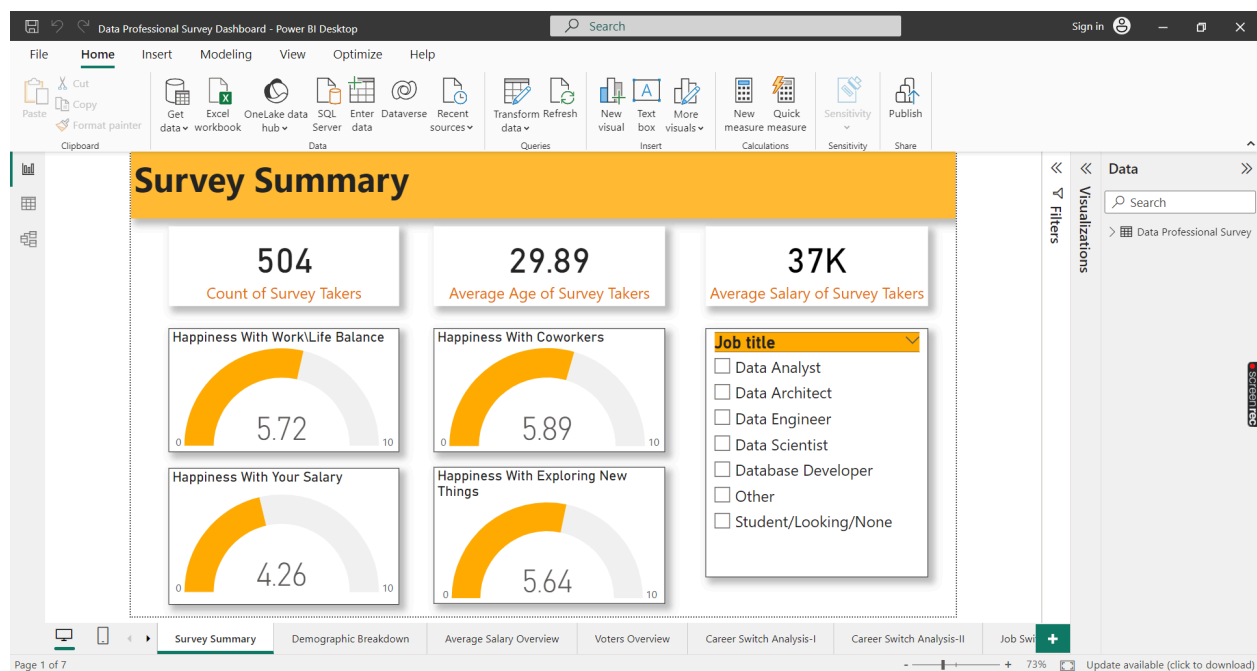
Data Professional Survey Dashboard Explanation

The **Data Professional Survey Dashboard** provides a comprehensive visualization of survey data from data professionals. It offers actionable insights on demographics, career trends, and skill distributions, helping organizations and individuals make informed decisions.

1. Overview Dashboard

This dashboard provides a high-level summary of the survey data, highlighting key statistics such as the total number of participants, demographics, and survey completion rates. Key metrics include:

- **Total Responses:** Displays the total number of survey participants.
- **Demographics:** Highlights satisfaction levels with aspects like work-life balance, co-workers, salary, and exploring new opportunities.
- **Job Titles:** A vertical list categorizing occupations of survey participants.

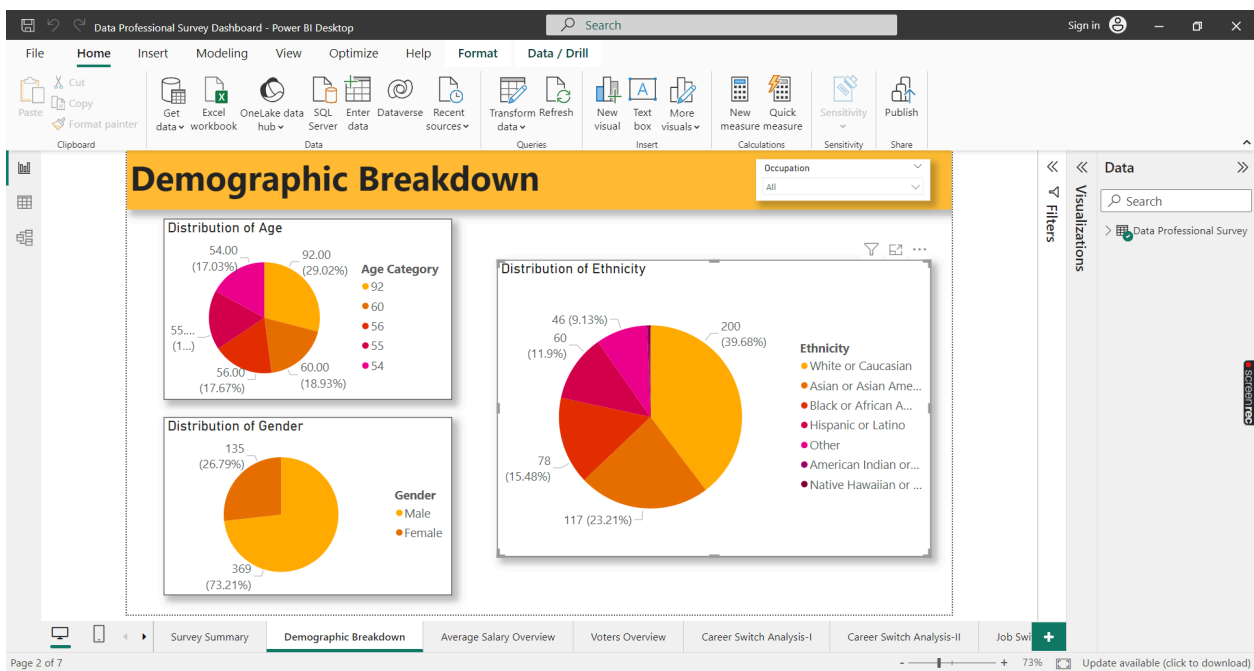


Key Insight: The overview enables stakeholders to quickly assess the survey's reach and demographic coverage.

2. Demographic Breakdown Dashboard

This dashboard focuses on the demographic diversity of survey respondents. Key visualizations include:

- **Age Distribution:** A pie chart displaying the breakdown of respondents by age group.
- **Gender Distribution:** A pie chart illustrating the gender representation (e.g., male, female, others).
- **Ethnicity Distribution:** A pie chart representing the ethnic diversity of participants.

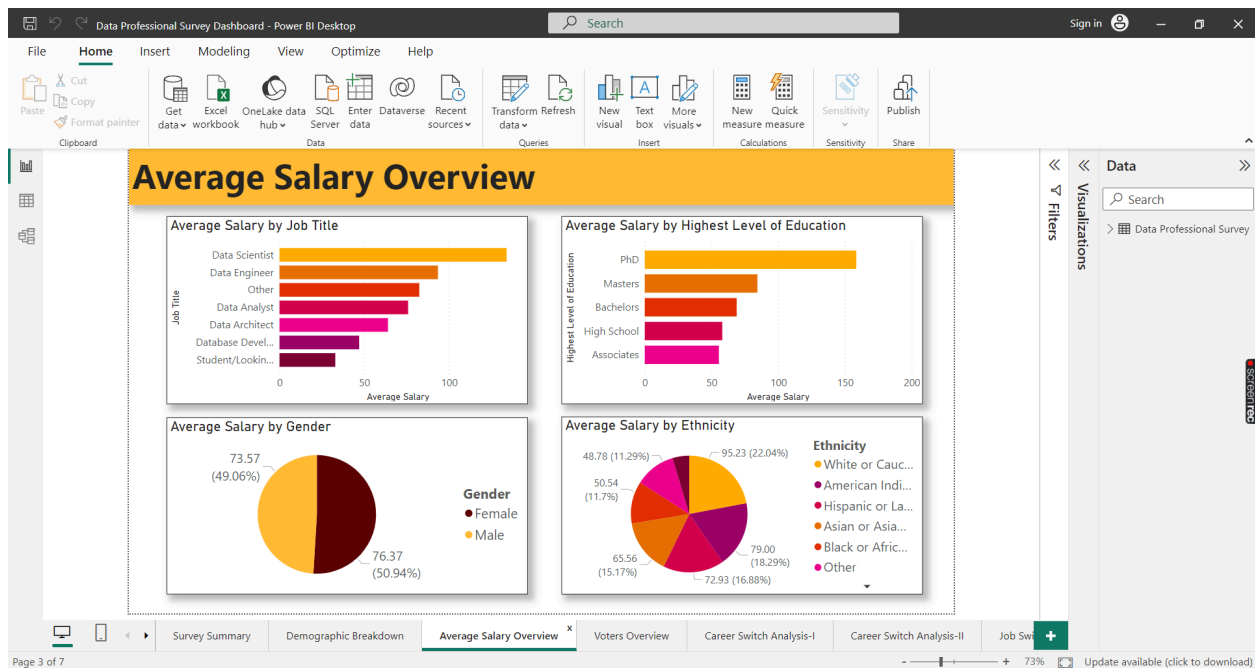


Key Insight: Helps organizations understand the demographic distribution, enabling targeted upskilling and diversity initiatives.

3. Average Salary Overview Dashboard

This dashboard explores salary data and its correlation with various factors. Key elements include:

- **Salary by Occupation:** A stacked bar chart showing salary distributions across different occupations.
- **Education Levels:** A stacked bar chart representing the highest degree attained by professionals in specific roles (e.g., Ph.D., Master's, Bachelor's).
- **Salary by Gender:** A comparative analysis of salaries based on gender.

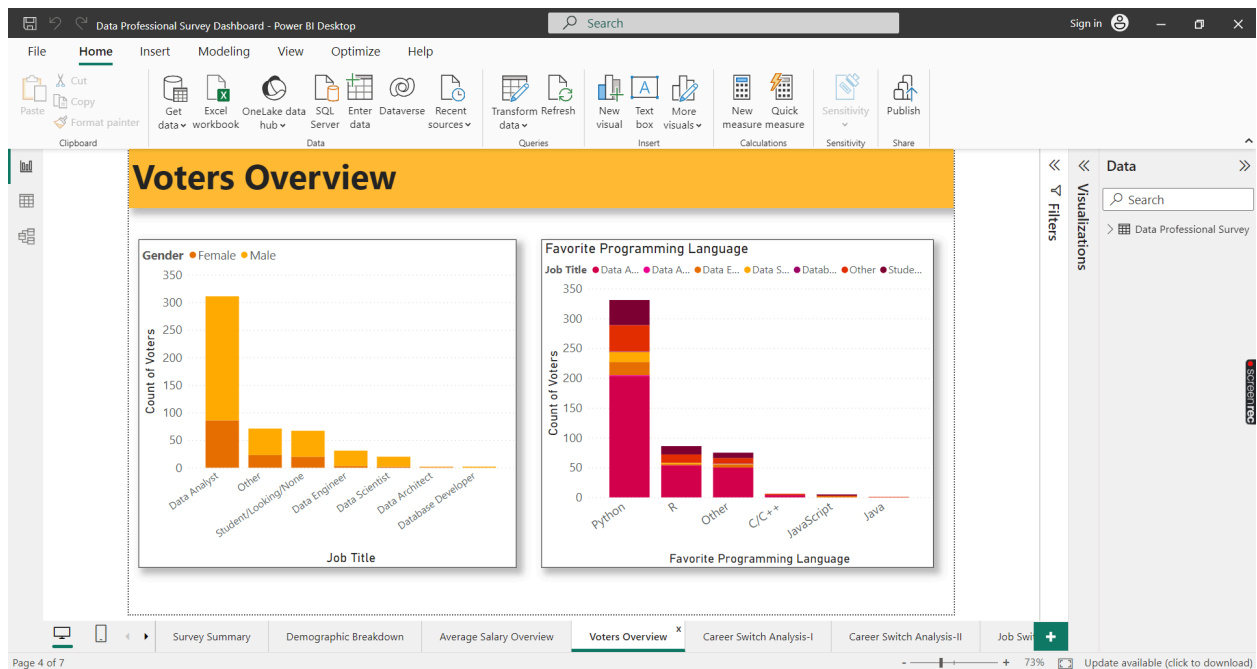


Key Insight: Assists organizations in aligning salary structures and competitive offer.

4. Voters Overview Dashboard

This dashboard delves into programming preferences and job roles. Key features include:

- **Programming Language Preferences:** Displays programming language favoritism across occupations.
- **Job Role Transitions:** A stacked column chart showcasing common career transitions (e.g., Analyst to Data Scientist).

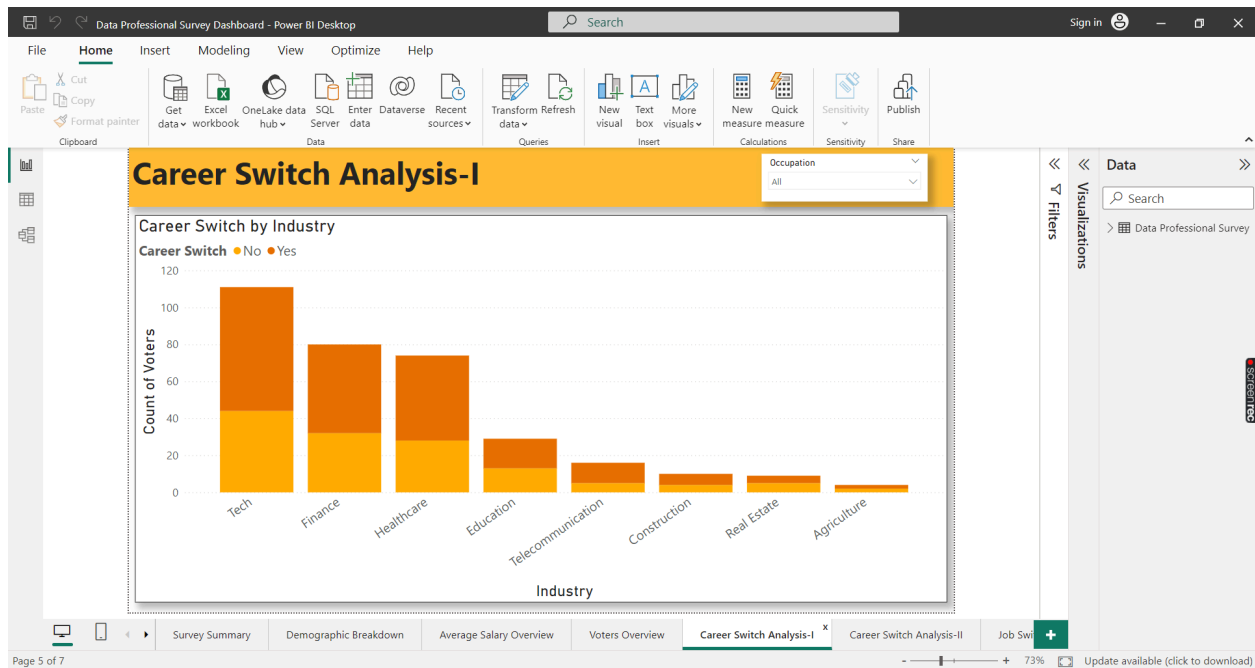


Key Insight: Offers clarity on skill preferences and growth trajectories within the data profession.

5. Career Switch Analysis - I Dashboard

This dashboard highlights trends in industry and career switching among survey respondents.

- **Industry Switch Trends:** A stacked column chart detailing the number of participants considering a switch across industries.

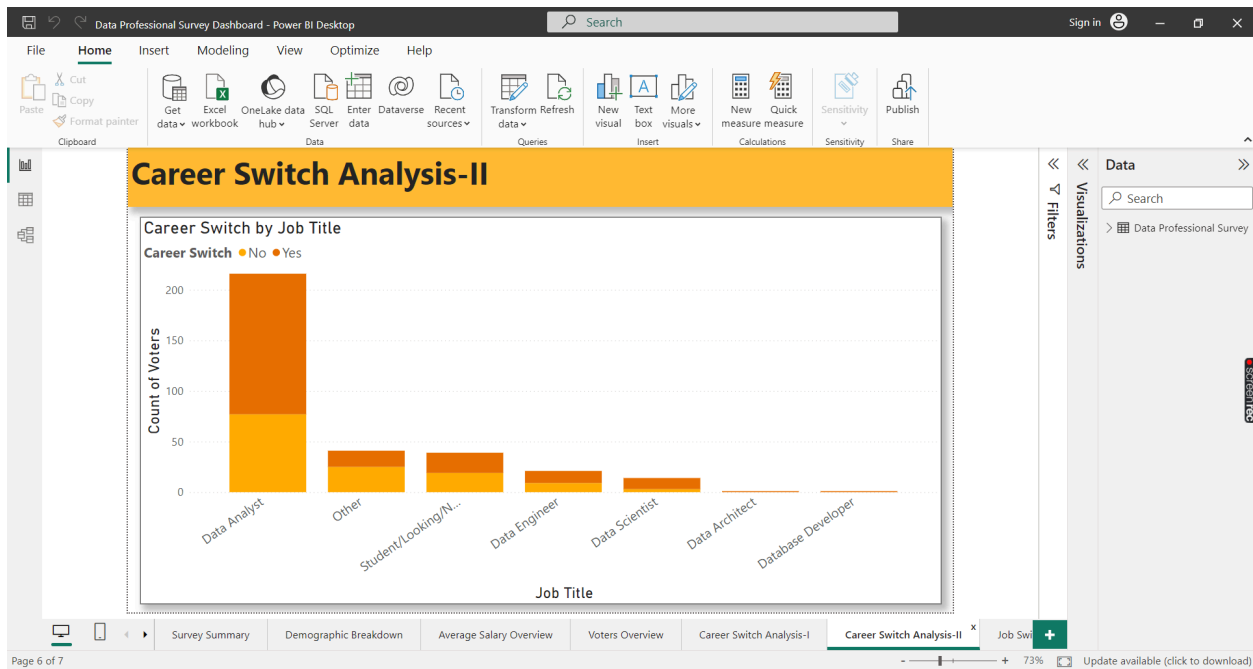


Key Insight: Provides insights into industry-specific trends and career change patterns, helping organizations strategize retention efforts.

6. Career Switch Analysis-II Dashboard

This dashboard analyzes salary trends and compensation structures:

- **Job Role Switch Trends:** A stacked column chart showing the number of participants seeking to transition to different roles.

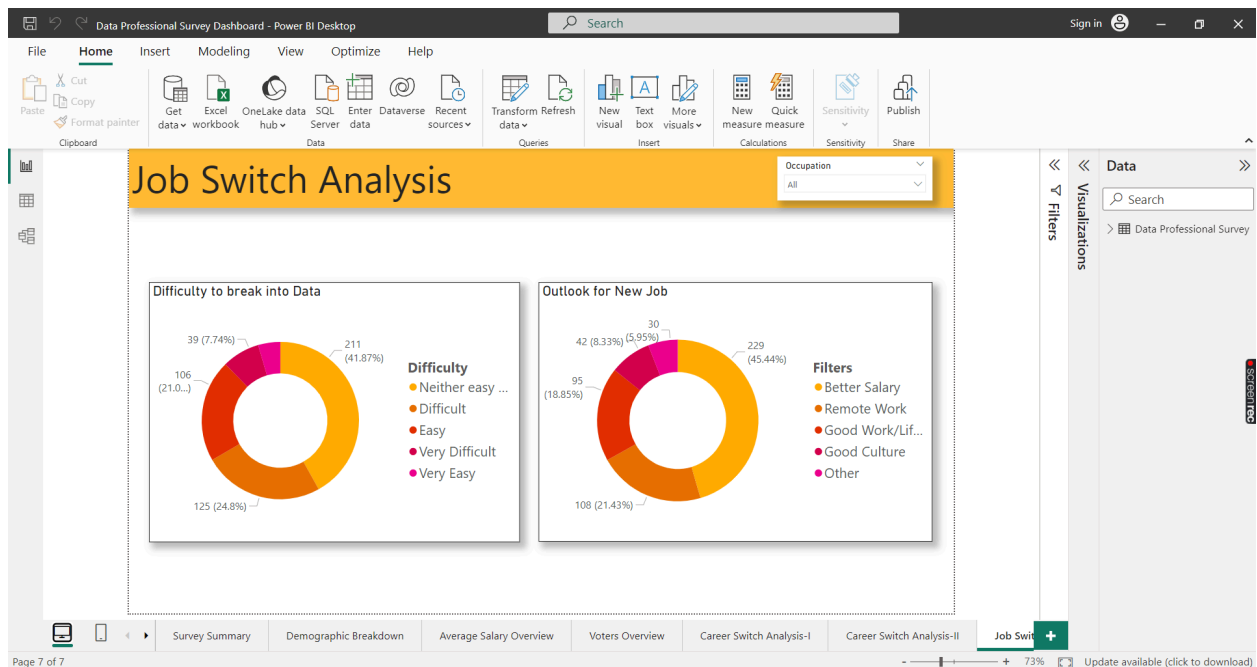


Key Insight: Provides insights into industry-specific trends and career change patterns, helping organizations strategize retention efforts.

7. Job Switch Analysis Dashboard

This dashboard explores the motivations and challenges faced by professionals seeking new roles.

- **Difficulty in Transition:** A pie chart representing the perceived difficulty in transitioning into the data profession.
- **Motivation for Job Change:** A pie chart illustrating the reasons behind participants seeking new opportunities.



Key Insight: Enables organizations to address barriers to entry and create supportive ecosystems for talent acquisition.