# Data Professional Survey Breakdown

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**Description:** In this project, I developed a comprehensive Power BI dashboard titled "Data Professional Survey Breakdown," aimed at analyzing and visualizing key insights from a survey conducted among data professionals. The project involved several critical steps to ensure accurate data processing and meaningful visual representation.

The data preparation process included sourcing the data, navigating through the dataset, and applying transformations such as promoting headers and changing data types to ensure consistency. I removed unnecessary top rows and columns, filtered the data for relevance, and utilized the unpivot feature to restructure the dataset for better analysis. Additionally, I calculated an Average Salary column based on the Current Salary range, providing a clearer understanding of compensation trends.



# Data Professional Survey Breakdown

**Country of Survey Takers**

United States · India · Other · United Ki... · Canada

**Average Salary by Job Title**

Q1 - Which Titl... ● Data Scie... ● Data En... ● Data Ar... ● Other

Data Scientist · Data Engineer · Data Architect · Other · Data Analyst · Database Devel... · Student/Lookin...

Average Salary: 0 — 50 — 100

**630** — Count of Survey Ta...
**29.87** — Average Age of Survey ...

**Happiness with Work/Life Balance**

5.74 (0 to 10)

**Favorite Programming Language**

Q1 - Which... ● Data An... ● Data Arc... ● Data En...

Count of Voters: 0, 200, 400

Python · R · Other · C/C++ · JavaScript · Java

Favorite Programming Language

**Difficulty to Break into Data**

44 (6.98%)
269 (42.7%)
134 (21.27%)
156 (24.76%)

Q7 - How difficult ...
● Neither easy no...
● Difficult
● Easy
● Very Difficult
● Very Easy

**Happiness with Salary**

4.27 (0 to 10)