

Power BI Project Documentation for Survey Analysis

Project Objective:

The main objective of this project was to analyze and visualize data collected from a survey targeting employees in the data sector, including students. The focus was on creating meaningful visualizations from an Excel file to display key statistics and response patterns.

Tools Used:

- **Visualization Tool:** Power BI
- **Data Source:** Excel file containing survey data

Content of Visualizations:

1. Overall Summary:

- Total participants in the survey.
- Average age of participants.

2. Detailed Graphs:

- Happiness with Work-Life Balance and Salary Satisfaction on Average: Graphical representation of average satisfaction levels in these areas.
- Geographical Origin of Participants: Chart depicting the distribution of participants by countries.
- Priorities When Evaluating Job Offers: Visualization of priorities declared by participants when evaluating job offers.
- Specific Area of Work in Data Jobs: Graph detailing in which specific sector of data jobs respondents are located (data science, data analysis...).
- Favorite Programming Language: Chart displaying preferred programming languages by respondents working in the Data field.

Results and Conclusions:

The generated visualizations showcase key information about job satisfaction, job-seeking priorities, and other trends in the data sector. These graphical representations provide a quick and meaningful overview of survey responses.

Final Considerations:

The project achieves its goal by visually presenting perceptions and preferences of respondents in the data sector. It aimed to highlight relevant patterns to better understand workplace trends and professional priorities in this industry.

Additional Notes:

- **Enhanced Graph Visualization:** To facilitate detailed graph viewing, an attached Power BI file is provided for download. Additionally, a snapshot is included in this document to facilitate quick previews.

Data Professional Survey Breakdown

TOTAL

630

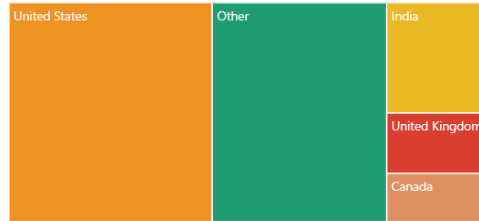
Survey Participants

AVERAGE AGE

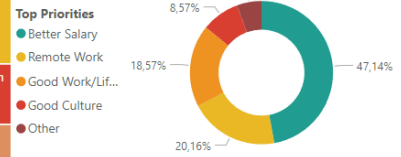
29,87

Participants

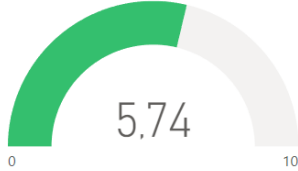
Country of Participants



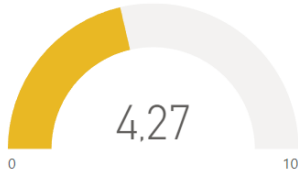
Priorities in Job Evaluation



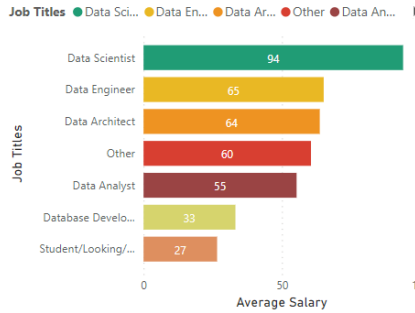
Happiness with Work-Life Balance



Happiness with Salary



Average Salary Per Job



Favorite Programming Languages

