Analysis of Data Professionals Survey using POWER BI

Introduction to project

The goal of this project is to provide insights into a Data Professionals career by analyzing the results of surveys taken from data professionals. The project is implemented by writing Power queries to generate a small dashboard

Methodology

- Assessed the data, and made decisions about dealing with removing empty columns.
- Filtered out categories in a column by using Split Column by Delimiter.
- Averaged the salary range to produce a consolidated salary value using Power Query
- Displaying the number of surveyors and their average age.
- Creating a stacked bar chart to display the relationship between job title and the average salary. Breaking it further by current role.
- Displaying a stacked column chart to depict the favourite programming language of a professional. Breaking it further by job title.
- Creating a tree map to display the relative number of professionals from different countries.
- Creating a gauge to display the happiness from work life balance on a scale of 0 to 10.
- Creating a gauge to display the happiness from salary on a scale of 0 to 10.
- Displaying a doughnut chart to depict how difficult it was to move into data science.
- Re-arranging the charts, adjusting space and trying different colour schemes to customize it as per user requirements.