**Final survey project:**

First Part: Data Cleaning

1. import the Excel file into power Bi
2. delete the empty columns
3. split job column into 2 columns using ” ( “ delimiter and remove the second one
4. do the same thing for country column, what industry column, better job column and ethnicity column
5. splitting salary column into 2 columns, replacing values in the second and then creating another column with avg salary

Second Part: Creating the Report

1. Create a Title for the Report using a Text Box “Data Survey BreakDown” and change the backround to “light blue”
2. Insert a card showing the number of survey takers and then format its content
3. Insert another card showing the average age , change its visual label and format it
4. Insert a clustered bar chart involving current position and average salary( data type of avg salary must be decimal) and change its title to “avg salary by job title”
5. Add a normal clustered chart displaying favorite programing language and count of voters
6. Insert a tree map displaying countries where people in the survey live in
7. Insert a gauge displaying the people happy with their salary
8. Insert a donut chart showing the average salary for males and females
9. Insert a Python visual showing average salary by Ethnicity
   1. import matplotlib.pyplot as plt
   2. dataset.plot(kind='bar', x='Q13 - Ethnicity', y='Average salary')
   3. plt.title('Average Salary by Ethnicity')
   4. plt.show()