

Family Personality Trait Analysis

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•Summary:

This is an Analysis of my family's personality traits, based on the Big 5 (OCEAN) Personality test. I had myself and 8 members of my extended family complete the test, and compared us to the global average. I built a visualization in Power BI.

Visualization

[https://app.powerbi.com/view?](https://app.powerbi.com/view?r=eyJrJoiY2MwYWUwYTA0MGFiNS00MzNkLTkwZDktZTlhZmUxZmMyNDh4IiwidCI6ImQ2ODM0MGwLTlJhNjAtNDhmOS1iMTEyLTQ3NDM4MDNmODg2NyIsImMiOiI9)

[r=eyJrJoiY2MwYWUwYTA0MGFiNS00MzNkLTkwZDktZTlhZmUxZmMyNDh4IiwidCI6ImQ2ODM0MGwLTlJhNjAtNDhmOS1iMTEyLTQ3NDM4MDNmODg2NyIsImMiOiI9](https://app.powerbi.com/view?r=eyJrJoiY2MwYWUwYTA0MGFiNS00MzNkLTkwZDktZTlhZmUxZmMyNDh4IiwidCI6ImQ2ODM0MGwLTlJhNjAtNDhmOS1iMTEyLTQ3NDM4MDNmODg2NyIsImMiOiI9)

Here are the most interesting observations I made from this data.

1. In my Family, the younger you are the more likely you are to have a high N (neuroticism) but our family average is still below the population
2. My family is extremely more open than the average, with an average openness score 80, versus the population average of 45.
3. My family scored a higher number in every trait than the average.
4. The population is not very open
5. The population is not very contentious

•Design:

There are a lot of visualizations available. The first is a bar chart that just shows my family's aggregated traits. Next is a 100% stacked bar chart, which shows which traits of each member make up what percentage of our total, averages are included. Next is a tree map which shows the population average versus my family's average. Next is a waterfall chart indicating who scored the highest total in each category. (Note: High scores are not good or bad. They just are; the higher the score the more pronounced that trait) On the bottom row, we have a clustered column chart showing each individual trait by person. Lastly are two tables, one that shows each metric, and one that shows the Primary trait, defined as the trait with the greatest difference from zero.

