

Data Analysis Project

Data Analyst: Aili-Maarja Mäeniit

Client/Sponsor: Oxford Wellbeing Research Centre, the UN Sustainable Development Solutions Network, and the WHR's Editorial Board.

Purpose: Oxford Wellbeing Research Centre ordered the analysis "World Happiness Report" to detect where the happiest people are living in the world and what indicators of life make them happy.

Scope / Major Project Activities:

What are the major parts of this project? List out the high-level steps, activities, or stages of the project, and give a brief description for each.

Activity	Description
Data collection	collect data of 150 world's countries to get to know healthy life expectancy, as well as life ladder, log gdp per capita, generosity, etc
Identify hotspots	analyze data to identify the highest and lowest healthy life expectancy
Identify other influencers	analyze data to identify other significant matters that influence peoples happiness:
Identify demographical connections	analyze data to identify if and how demographic placement influences the happiness
Create recommendations to increase the happiness	Create recommendations how to increase happiness in the least happy countries based on the most happy countries
Deliver final report	Deliver final report and recommendations to Department of Transportation.

This project does not include:

Specify the things that this project isn't responsible for doing (out of scope). For instance, "this project does not involve a summation of 2019 data analysis"

- this data is not include all world countries, but most of them
- this data is not include the latest data, it includes year of 2021, post covid year data
- this data is not include covid years or data older than 3 years

Deliverables:

A specific list of things that your project will deliver.

Deliverable	Description/ Details
Hotspot Map	Data visualizations of the happiest and saddest countries in the world as well as visualizations that describe different factors and proportions of happiness.
Recommendations and Estimates	A list of recommendations for each area.
Final Report	A final report detailed analysis with correlation including visualizations and recommendations for increasing the happiness level in the saddest countries

Schedule Overview / Major Milestones:

The expected schedule for the project. This can be defined by milestones (e.g. "all data is cleaned and processed"), periods of time ("Week 1 / Week 2"), or other ways based on the needs of the project.

Milestone	Expected Completion Date	Description/Details
<i>Data Review</i>	<i>15.03.2024</i>	<i>review of all data sources completed</i>
<i>Data Analysis</i>	<i>30.03.2024</i>	<i>Initial data analysis completed</i>
<i>Vizualisations and presentation creating</i>	<i>15.04.2024</i>	<i>Graphics, photos, etc visualizations part completed</i>
<i>Recommendation List</i>	<i>30.04.2024</i>	<i>Lis of recommendations how to increase happiness worldwide and especially in the saddest countries</i>
<i>Final Report</i>	<i>15.05.2024</i>	<i>Final report detailing all work, analysis, methodologies, finding and recommendations gathering in the presentations that is pleasing to the eye and easily understandable.</i>

*Estimated date for completion:

25.05.2024

This is my "if all goes well and I have everything I need, this is when I'll be done" date.