

Visualization Canvas

<h2>Story</h2> <p><i>What's the problem? What question do you want to answer? Why did you choose it? What is the context?</i></p>	<p>The idea of happiness is different for different people, and being interested in the different subjective evaluations of societies, we chose these data. In order to study the relationship between the indicators included in the survey and the happiness rating, we want to understand if the relationship is positive and which countries are leading in these indicators, which countries in the region feel happier and what is the main reason for this.</p>
<h2>Audience</h2> <p><i>Who is going to use the viz?</i></p>	<p>These analyzes will be of interest to leading experts in Sociology, Economics, Psychology, Research Analysis, National Statistics, Health, Public Policy, etc., effectively using well-being metrics to assess the progress of nations. Such data continues to gain global recognition as governments, organizations and civil society increasingly use happiness indicators to inform their policy-making decisions.</p>
<h2>Data</h2> <p><i>What type of data do you have? Where is it stored? Is it static or changing?</i></p>	<p>The data includes 155 countries ranked by their happiness levels. From the files columns of 5 years, we selected 11 general columns. The data was downloaded from https://www.kaggle.com/, https://www.kaggle.com/datasets/unsdsn/world-happiness?select=2015.csv with files from 5 different years. The data is static, it is updated according to years, with new files, that is, the received old data does not change.</p>
<h2>Tools</h2> <p><i>What tool(s) are you going to use? Why did you choose it?</i></p>	<p>We used the Dash toolkit to implement the interactive and interesting visualizations it provides.</p>
<h2>Charts</h2> <p><i>What types of charts are chosen? Why are they the best to answer the question posed? Any real alternatives?</i></p>	<p>For visualizations are selected: Bubble Chart, Line Chart, Card, Scatter Plot, Bar Chart and other types of charts. We found these types more suitable for highlighting the relationship between data, presenting it in an interesting and at the same time understandable way.</p>