Happiness score analysis

Background information:

You are working as a researcher at the NGO 'Equal Opportunity for Everyone (EOE)'. As EOE, within the scope of your advocacy-based project, which aims to take fundamental steps in the field of equal opportunity around the world, you are planning to prepare a report for the United Nations 20 March International Day of Happiness. In this report you want to highlight how different political/social and economic circumstances affect the happiness score of the population of countries. You have been commissioned to do this analysis. They give you a list of csv-files which contain different information about the countries.

Data

You received a list of 8 csv-files, which are:

1. Happiness score (from the Happiness world report)[0 to 100]
2. Average daily income [$ american dollars]
3. Country-Continent info
4. Democracy Index [0 to 100]
5. Index of functioning government (EIU) [0 to 100]
6. Income Inequality= [Gini coefficient from 0 to 100:= complete inequality]
7. Population [# of people]
8. Women participation in parliament [%]

Tasks

Create an analysis for the International Day of Happiness and answer following questions:

- How is the distribution of the Happiness score across:
  - countries?
  - continents?
- How has happiness changed through the years?
- Which other variables correlate with the happiness score?
- Are there other interesting patterns in the other variables?
- Create a presentation to show what you did. Make your results accessible for a broad audience (other NGO's, political organizations, media etc) so that they can use it.