- Hi everyone ! I'm going to speak about our project idea.
- So the research is going to be about the world happiness report.

Plan de la présentation:

- First i'm going to introduce the world happiness report.
- Then I'm going to speak about the data set with the different characteristics.
- And finally I'm going to explain briefly our project goal.
- And the questions at the end of the presentation

Introduction:

- The World Happiness Report is an annual publication of the United Nations
- Basically the report is a measurement of life quality in the different countries
- It contains articles, and rankings of national happiness all around the world

- This happiness is based on different features that correlates with life factors.
- We have Health informations and the efficiency of social supports
- We have the freedom level of making life choices but also the democratic quality
- And we also have informations about the resource distribution between the residents of the countries

Data set:

- Now I'm going to speak about the dimensionality and cardinality of the data set
- So for the dimensionality we have nearly 2 thousands rows that represent all the countries and the different years when the calculation has been made.
- So each country is represented with 14 rows.

- And for the cardinality we have 19 columns that indicate the different features that compose the happiness report.

Project goal:

- For the project goal the objective is to use the different methods and tools that we learned during this class in order to extract and analyse different kind of datas.
- So we are going to use linear and logistic regression to see if we can detect some correlations between some features
- Classification for gathering countries with the same characteristics
- Clustering to identify populations with similar behaviour
- Then we are going to make comparisons between countries and the continents
- And finally we are going to analyse these informations to establish some conclusions, maybe find causality links between features and predict the future of countries.
- With the gathered informations we ll be able to predict with some accuracy whether the development slopes would increase, decrease or stay the same.