Exercises: Json

Using sweden.json from the usb.

1. Find the year with lowest population in Sweden. Hint use loops and min.

2. What is the average population growth between the years. E.g. between 2015 and 2016 the population growth is 103936. Hint: To calculate the average of 1 and 2 you would need to run: **numpy.mean([1,2])** output: 1.5. Make a function out of that.

3. What is the average minimum and maximum population growth years. Make a function out of that. Hint, use inbuilt min, max functions.

4. Given the sweden country data convert it into a list with dictionaries in this form:[{ 'population': 9903122, 'year': 2016}, ….]. Make a function out of that.

5. Create a list where you have the year pairs and the growth from one year to another. Example [{ 'pair': '2015-2016', 'growth': 103936}, ….].

Last 10 minutes round the table what was hardest/most fun

PINK PROGRAMMING