

STATISTICAL PROGRAMMING - PYTHON

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Exercices



Have a look to the restaurants data in the Excel file named "Exam restaurants data".

Each row shows one restaurant for an international brand.

The following info is given in every row:

- restaurantid: unio	gue ID to identify the restaurant
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- iyear, imonth and iday: year, month & day when the rest. opened
- country_txt and region_txt: country and world region where the rest was opened
- restauranttype_txt: kind of restaurant
- employees: number of employees in the restaurant
- E1. Which are the 10 restaurants with the most employees?
- E2. Which are the 4 regions with the highest total number of employees?
- E3. Find the biggest restaurant per country in terms of number of employees
- E4. How many restaurants do we have per Region and Type?
- E5. Obtain a dataframe where every row is one country, every column a type and the total number of exployees is given in the values inside this dataframe

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Exercices



E6. How many restaurants in India have more than 30 employees?

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E7. How many big restaurants do we have per region? Big means more than 40 employees

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E8. Create a script to extract the hours from a string with the following format:

Expected input: Expected output

"March 17, 11:28:00" 11

"May 5, 9:12:50" 9

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E9. Create a script to show the body mass index to the user. The user will give his **weigth in kilos** and **his height in cms** and the body mass index will be printed according to the following formula:

body mass index = weigth in kilos / (height in m) ²

10