

COMP8270

Programming for Artificial Intelligence

Class 7

In this class we will get familiar with loading and accessing dataframes. To get started, create a Jupyter workbook and call it Class 7. To compute the mean you will need to: “from statistics import mean as mean”

1. Load the data file: <http://raptor.kent.ac.uk/~ds756/heart.csv>.

This dataset was obtained from Kaggle and is open source.

2. How many rows does it have?
3. How many features does it have?
4. How many features are of type “int64”?
5. What is the mean Oldpeak?
6. What is the mean RestingBP?
7. What is the mean Age?
8. What percentage of the cases developed heart disease?
9. Index the age feature.
10. Create a subset dataframe containing only the data of people in their 40's. With your 40's subset compute:
 - a. mean Oldpeak
 - b. mean RestingBP
 - c. mean Age