SUMMER 2024: CS5710

MACHINE LEARNING Assignment-3)

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GITHUB LINK: https://github.com/Arunkumarsilapuram/assign-3-s

VIDEO LINK: https://vimeo.com/956882369/6a95a5f40a

Questions:

1. Read the provided CSV file ‘data.csv’. <https://drive.google.com/drive/folders/1h8C3mLsso-R-sIOLsvoYwPLzy2fJ4IOF?usp=sharing>
2. Show the basic statistical description about the data.
3. Check if the data has null values. a. Replace the null values with the mean
4. Select at least two columns and aggregate the data using: min, max, count, mean.
5. Filter the dataframe to select the rows with calories values between 500 and 1000.
6. Filter the dataframe to select the rows with calories values > 500 and pulse < 100.
7. Create a new “df\_modified” dataframe that contains all the columns from df except for “Maxpulse”.
8. Delete the “Maxpulse” column from the main df dataframe
9. Convert the datatype of Calories column to int datatype.

         