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CISC 3140

GNU AWK Reflection

For AWK program, we analyze the data for “2018 Central Park Squirrel Census” data and come up with 5 questions that can be answered from the dataset using AWK. The questions are as follows:

1. What is the probability of a squirrel running while also eating? Does the time of day affect this?
2. Which date had the highest frequency of approaches to humans? Least?
3. What is the probability of squirrels eating given that the time of day is during the late afternoon (PM)?
4. Does age affect the time of day that squirrels appear?
5. Which hectare has the most and least number of squirrels? Adults and juveniles?

We then make the AWK scripts for each question. Using if statements, for loops, arrays, etc. to return the output.

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GitHub repository: <https://github.com/Gallelee/CISC3140GroupAwk.git>