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Data Mining 3010

Midterm Part-4

My Midterm Project was an interesting one I ever did. I think the Decision process was a really interesting algorithm to know how the data is analyzed and puts out the conclusion. However, I feel that there is some variance in what I expected. For example, there were some cases, where I gave banana a complete neutral since I wasn’t a fan of banana, but the conclusion wasn’t that great. Additionally, I think it depends on my own taste at that moment. Also, I like the chocolate the most any time. Consequently, I started to give likes on chocolate flavors. The JRip and J48 were kind of accurate and it was guessing my own taste, which is kind of interesting. I was expecting JRip to give an accurate result since it has a higher percentage in previous questions that I worked on. Shockingly, this came out to be less than J48. While it was almost 30 instances, the success rate of the classification of JRip was almost 50% of J48. Primarily I used only JRip and J48 are only methods that I dealt with, and excited to explore other methods as well. Also, not only about the efficiency of J48 and JRip, but I think its also important to mention clear data. If my decision making was ambiguous, there is a chance of inaccurate results from the algorithm.   
Although let’s say I have multiple flavors that are my favorite, there is one that I hate almost. I am curious to see if there is a huge amount of data on what I like, still, the decision-making works?