Barriers

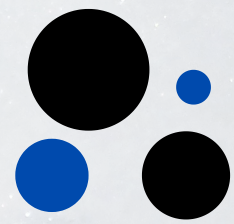
Weekly Report 12: 11/15 - 11/29

When working on any project in the field of computer science, you should expect barriers to arise whether it be errors in code, deficiency of computational power, or a lack of higher level knowledge to apply concepts into code.

This past week I was faced with adversity during the original work development through a mathematics knowledge barrier. However, facing this barrier proved to be an excellent source of growth and an effective precursor to higher level work both in the future of my ISM journey and life.

The largest challenge faced when developing the original work was a mathematics barrier that would require knowledge from graduate level courses. Given the limited time, it would not be possible to learn this therefore it was necessary to be calm and apply two of the fundamental skills in computer science: abstraction and modularity. To be able to understand the problem, I deduced it would be smartest to break the problem down into smaller problems which I could then represent not using math knowledge but rather broad machine learning concepts. Through this experience, I have learned not only more technical skills like how to tackle the challenges presented by something beyond my scope but also leadership-based skills like not going into panic mode when in times of trouble. Through keeping a straight mind, I have empowered myself to face any challenge with expectations to solve it no matter how difficult the barrier.

Reflecting for the future, it is experiences like these that equip me to be a valued member of any team. The leadership and technical traits I have developed through facing these challenges helps ensure that my skills can be used to not only contribute to a project but solve hardships while creating a sense of direction in the team itself. While my project and the barriers I faced were occurred independently of other people, the skills are sure to transcend these experiences and impact development teams as a whole.



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